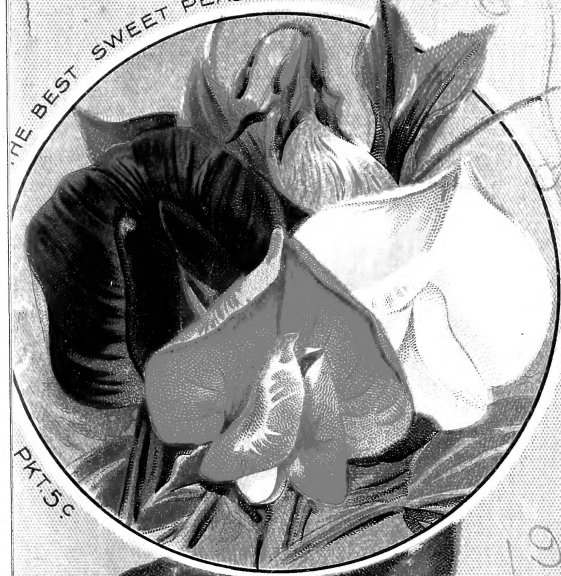


Historic, archived document

Do not assume content reflects current
scientific knowledge, policies, or practices.

THE BEST SWEET PEAS.



PKT. 5c

SEED LABORATORY.
GIANT PARISIAN PANSY.



PKT. 7c

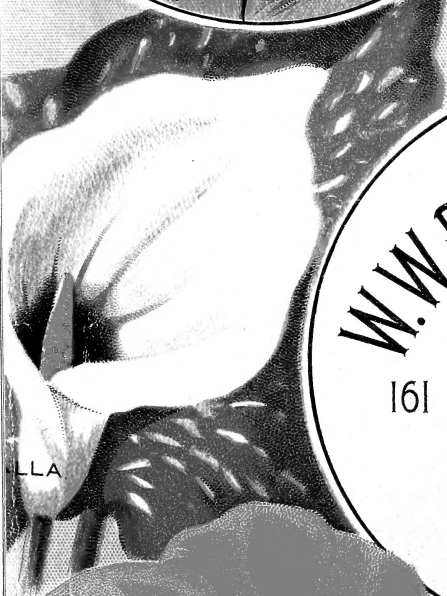
1900

W.W. BARNARD & CO.
SEEDSMEN.

161 & 163 East Kinzie St.,

CHICAGO.

1900.



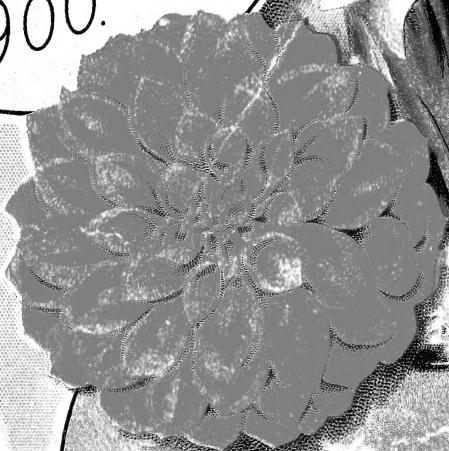
LLA



TUBEROSE.



POUS BEGONIAS



DAHLIA.

SPECIAL FLORAL COLLECTION FOR 1900

FOR SPRING PLANTING

ALL OF EASY CULTURE AND GREAT BEAUTY.

Illustrated in colors on front cover of this book.

By way of suggestion of some beautiful flowers to grow the coming summer we have made up the collection described below. ❁ ❁ ❁ ❁ ❁

SWEET PEAS. Who would be without Sweet Peas? They are easily grown, bloom early, last the greater part of summer, and the more flowers that are cut, the more may be picked. Sweet Peas should be sown early, given bush or strings to run upon, and no seed should be permitted to form. The colored group contains **Brilliant**, scarlet, **Prima Donna**, pink, **Shahzada**, dark maroon and **Daybreak**, striped. Any variety, per pkt., 5c.

Attention is called to the Sweet Peas, pages 12, 13, 78 and 79. Our **Royal Mixture** contains the newest Sweet Peas.

PANSIES. The class of Pansies, of which the illustration portrays a flower in size, form and coloring, is highly prized, not only for the large flowers, but because they have stout, stiff stems, which makes the cut flowers more lasting. Pkt., 7c.

CALLA, Spotted Leaved. The leaves of this Calla are dark green with white spots. Flowers are pure white with blue black center and they are handsome in appearance. The bulbs grow and bloom freely in any soil as pot plants; in the garden they flower splendidly. Plant them in May and dig up in fall. Each 10c, 3 for 25c.

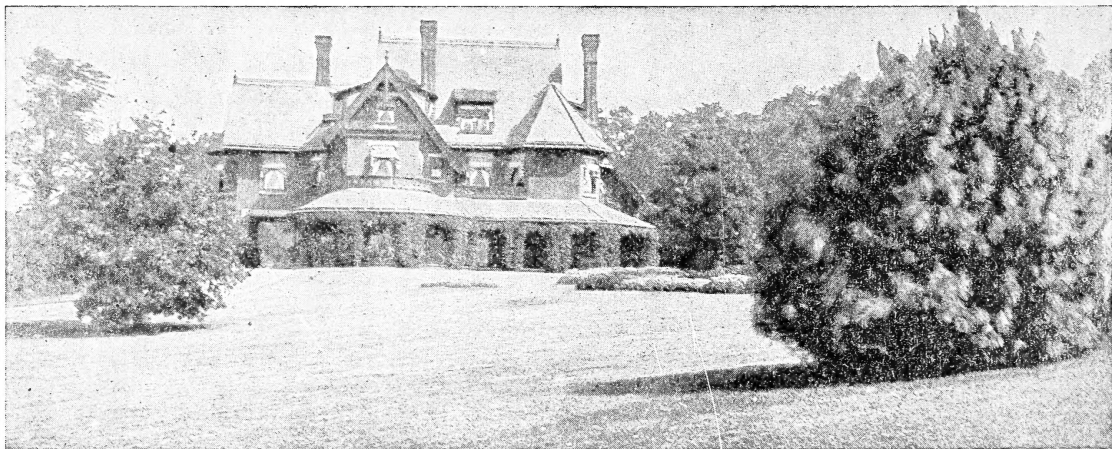
TUBEROSE. Beautiful wax-like flowers borne on tall stems. They do not all expand at once but continue in bloom a long time. The flowers are so fragrant the surrounding atmosphere is permeated. Pot bulbs when received, transplant in May. Will bloom in July. 3 for 15c; doz. 50c postpaid.

BEGONIA, Tuberous. As pot plants for the sitting room or greenhouse, but more especially for bedding out in partially shaded places in summer, these are now in demand. The size of the flowers and the richness and beauty of them must be seen to be appreciated. They are a mass of bloom throughout the summer. Treatment same as for Tuberoses. **Single**, mixed, each 8c; 6 for 40c.

DAHLIA. In the summer months the Yellow Dahlia is a highly prized flower. For decorations it has few superiors. Plant out of doors about the 10th of May. Earlier flowers may be obtained by treatment recommended for Tuberoses. 15c.

SPECIAL FLORAL COLLECTION for 1900: 4 pkts. Sweet Peas, 1 pkt. Pansy, 1 bulb each of Spotted Calla, Begonia, Tuberose and Dahlia, value 65 cents, all for 35c postpaid

GRASS SEEDS FOR LAWNS



BARNARD'S "PERPETUAL GREEN" LAWN MIXTURE.

It is unequalled for tennis and croquet grounds. The grasses of which it is composed will in the shortest time possible produce a beautiful dwarf, compact turf, which will endure the summer heat, and insure a rich, deep green sward throughout the season. We take every precaution by the most painstaking cleaning to eliminate as far as possible all weed seeds. Lb., 35c, postpaid. **Not prepaid**, lb., 25c; 5 lbs. or more at 20c per lb., bags included.

BLUE GRASS. Its uniform growth, creeping habit and beautiful color make it desirable for lawns. This grass lives longer than all others. Fancy cleaned, lb., 30c, postpaid. **Not prepaid**, lb., 20c; 5 lbs. or more at 25c per lb.

SPECIAL MIXTURE

FOR . . .

"Shady Places."

WITH this mixture there need be no difficulty in getting grass to grow in the shade under the trees, etc., as it is a combination of grasses whose natural home is in the woods and sheltered places. Lb., 40c, postpaid. **Not prepaid**, lb., 30c; 5 or more lbs. at 25c per lb., bags included.

Special rates quoted for large quantities

The Quantity to Sow. It is unwise to be economical in the quantity of seed used if the best results are desired. One pound will sow a plot of six hundred square feet; 4 bushels (56 lbs.) to the acre.

"GOLF LINK" MIXTURE.

For links or grounds on which this most popular game is played we supply a mixture of grasses that will endure wear and tear and at the same time always present a fine sward. Lb., 40c, postpaid. **Not prepaid**, lb., 30c; 5 or more lbs. at 25c per lb.

WHITE CLOVER. Thrives in damp situations. We have some A1 seed carefully cleaned. Lb., 30c, postpaid. **Not prepaid**, lb., 20c; 5 lbs. or more at 15c per lb.

RED TOP. Desirable where an immediate effect is sought. Fancy cleaned seed, free from chaff, lb. 30c, postpaid. **Not prepaid**, 25c; 5 lbs or more, 20c per lb.

Order Sheet to W. W. BARNARD & CO.

POSTPAID. At prices quoted we pay the postage on all VEGETABLE SEEDS by the packet, ounce, quarter pound, pound, pint and quart and all FLOWER SEEDS. If Vegetable Seeds by the pound, pint or quart are ordered sent by express or freight, 10 cents per pound, 15 cents per quart on Peas and Beans and 10 cents per quart on Corn may be deducted. We also pay the postage on Bulbs and Plants except where noted.

PACKET AND OZ. SEED DISCOUNTS.

Purchasers may make selections of seeds in *Packets and Ounces* at these discounts:

For 25 cents Seeds in packets and oz. to the amount of 30c.

For 50 cents seeds in packets and oz. to the amount of 65c.

For \$1.00 select seeds in pkts. and oz. amounting to \$1.30.
For 2.00 select seeds in pkts. and oz. amounting to 2.30.

For 2.00 select seeds in pkts. and oz. amounting to 2.70.
For 3.00 select seeds in pkts. and oz. amounting to 4.00.

ON SEEDS IN BULK.

From Catalogue Prices by the ¼ pound, pound, peck or bushel, when cash is sent with order, purchaser may deduct 5 per cent. on an order from \$3.00 to \$5.00, and 10 per cent. on an order from \$5.00 to \$10.00. This discount refers to **SEEDS** quoted in catalogue *by weight or measure* (except in the division of **FARM SEEDS**, pages 49-56) and not to **Potatoes** or **Bulbs**, nor to seeds in packets and ounces.

Half pounds and over are sold at *pound rates*, **pecks** and over at *bushel rates*, unless otherwise specified.

Please order **Flower Seeds by number.** **Vegetable Seeds by name.**

Extra Order Sheets furnished on application.

Your Name.....

Post-Office

County..... State.....

Express or Freight Office } State on this line whether wanted sent by Mail, Express or Freight.

How to Forward Money Safely.—See directions in Catalogue.

Amount Enclosed, \$.....

State if sent by P. O. Order,
Express Order, Draft,
Postal Note, Etc.

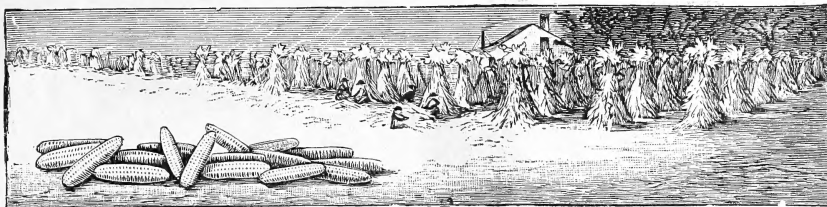
Date.....1899

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[illegible]**VEGETABLE SEED COLLECTIONS**—Net, no discount.

25c. COLLECTION "A." 25c.		\$1.00 COLLECTION "C." \$1.00			
Ten packets, prepaid for twenty-five cents		Forty packets, prepaid for one Dollar			
ONION—Prize Taker. RADISH—French Breakfast. PEAS—Little Gem. TOMATO—New Stone. TURNIP—Purple Top, Wh. Gl.		BEANS—Ex. Early Refugee. " —Imp. Golden Wax " —Hendersons B. Lima BEET—Edmunds Bld. T'rnip " —Long Dark Blood CABBAGE—Ey. J. Wakefield " —Fottlers Brunswick CARROT—Danvers Half Long S. CORN—Early Minnesota " —Country Gentleman CUCUMBER—Siberian " —Imp. Long Green EGG PLANT—N. Y. Purple ENDIVIE—Green Curled KOHL RABI—White Vienna LETTUCE—Simpsons Curled LEEK—American Flag MUSK MELON—Netted Gem " —Osage		W. MELON—Phinney's Early " —Kolb's Gem ONION—Yellow Gl. Danvers " —Large R. Wethersfield PEPPER—Rubby King PEAS—Nott's Excelsior " —Everbearing PARSNIP—Hollow Crown PARSLEY—Double Curled PUMPKIN—Large Cheese RADISH—French Breakfast " —Long Scarlet " —White Strassburg SQUASH—Warty Hubbard " —Bush Scallop TOMATO—Acme TURNIP—P. T. White Globe RUTA BAGA—Am. P. Top SPINACH—Round Summer SALSIFY—Mam. S. Island	

Agriculture is the Basis of National Prosperity. ❁ ❁ Good Seed is the First Essential to Successful Agriculture.



W. W. BARNARD & CO.'S

DESCRIPTIVE SEED CATALOGUE AND PRICE LIST.

Greeting
1900



SEEDTIME APPROACHES—has already come to some portions of our extensive country. We ask a careful perusal of this Catalogue by every one who purchases seeds or other supplies for the **Farm and Garden, either in large or small quantities.**

GARDENING FOR PROFIT As well as for **pleasure** is conducted on more extended lines each succeeding year. The happiness which is the reward of the successful amateur cultivator, and the higher prices which perfected vegetables bring to the market man, may be traced directly to the use of **Seeds of the Highest Quality.** Such we have always sold and we intend to keep up the precedent.

It is unnecessary to write "Send by return mail." Our ambition is **promptness in execution** of all orders sent in. Stocks are ample; facilities for filling as complete as experience can suggest. The orders are not filed, but turned out for immediate dispatch. Usually this is accomplished within a brief period. If delay is necessary, an explanatory letter will be sent. We appreciate the valued orders from our patrons in previous seasons. **W. W. BARNARD & CO.**

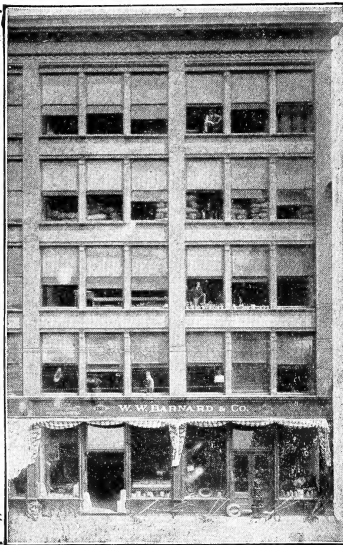
Shopping by Mail...

IS BOTH PLEASANT
AND PROFITABLE.

You can select your requirements in your own home, mail the order to us with the price given in this catalogue, and in a few days the seeds, etc., will be delivered, postpaid, to your Post Office—often to your door.

The Postal Laws permit the mailing of any quantity, provided no package exceeds four pounds in weight. Thus 40 lbs. can be sent in ten packages.

NO ORDER IS TOO SMALL
TO RECEIVE ❁
CAREFUL ATTENTION.



SEEDS DELIVERED

POSTPAID

WITHOUT EXTRA CHARGE.

We deliver all Vegetable and Flower Seeds, Bulbs and Plants (except such as from their size or otherwise are unmailable and so stated) **postage paid.**

We guarantee that all goods shall reach the purchaser in good order.

Our Mail Department, taken in connection with our guarantee, enables customers thousands of miles away to purchase their supplies by mail with assurance of as good service as if waited on in our store.

A FEW SUGGESTIONS TO PURCHASERS.

How to Order.—Always use the Order Sheet and printed Envelope sent with the Catalogue when possible. Write plainly; keep a copy of your order and be sure to sign your name, post office, county and state every time you write to us. Please write each item of your order on a separate line, placing the quantity before each article and carry out the prices.

How to Remit.—Send cash with order, by New York or Chicago Draft, Post Office Order, Express Order or Registered Letter. It is not safe to enclose currency in a letter without having it registered. Postage stamps will be taken as cash.

Cost of Remitting.—Customers may select seeds to the amount of the cost of registered letter or other remittance on all orders amounting to \$1.00 or more.

Order Early.—Please order as soon after you get this Catalogue as possible, then you will have your seeds at hand for planting when you want them; besides if you want heavy seeds in large quantities, they can be sent by freight very cheaply before time presses to sow them.

Shipping Instructions.—When goods are to be shipped by Freight or Express, give plain shipping directions; otherwise we use our best judgment in regard to the matter.

Errors in Filling.—Occasionally in the Spring rush some seeds may be overlooked in filling or not as ordered. In such case we are willing to make corrections. Do not return any stock until you have written to us first regarding the same.

W. W. BARNARD & CO.'S

Novelties and Specialties IN VEGETABLE AND FLOWER SEEDS FOR 1900.

HAVING convinced ourselves by actual trials and thorough investigation that the seeds, plants, etc., offered under this classification, while not all novelties, have merits much beyond the ordinary, we take pride in asking especial attention to them. Not one included in our list which we cannot recommend.

SIEBERT'S . . .

EARLY LIMA BEAN

A TRUE LIMA developed by the skilled labors of a market gardener, who selected the largest green beans from the thinnest and most easily-opened pods.

IN EARLINESS,
EASE OF SHELLING,
SIZE, BEAUTY and
QUALITY

is far in advance

of all others, and it is recognized as the best of all Limas for either the garden or for market.

The pods rarely contain more than four beans, but *the yield is enormous and continuous from first to last of the season.* Pkt., 10c; pt., 30c; qt., 45c; pk., \$2.00.

:: STRINGLESS ::

Green Pod Bush Bean.

*Illustrated in Colors
on Back Cover.*

The Only Green Pod Bean that is Always Stringless.

THIS BEAN is undeniably one of the best ever sent out, and all the claims made for it when first introduced have proven to be correct.

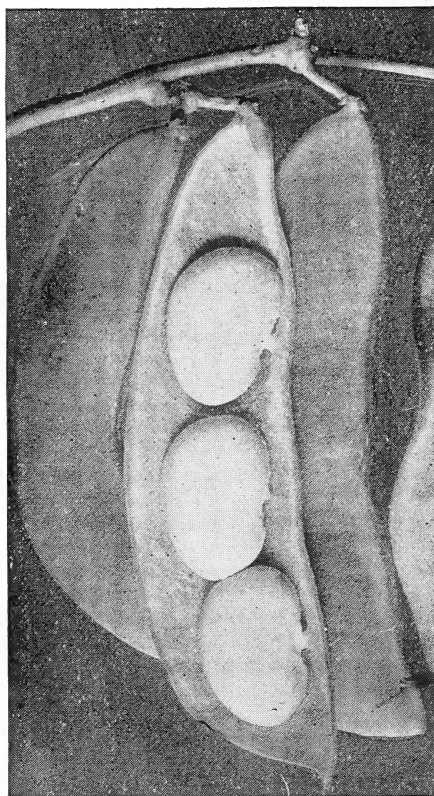
Ready for Market . . .

TWO WEEKS EARLIER

Than Early Six Weeks.

It is of immense value to the market gardener as well as the amateur who seeks a superior quality for the home table.

The pods are long, straight, round and full, of a beautiful fleshy appearance. Plant is hardy and prolific. Try this grand Bean this year. Pkt., 10c; pt., 30c; qt., 45c; pk., \$2.50.



SIEBERT'S EARLY LIMA BEAN.

GARDEN-MAKING . . .

A book of reference and instruction for the amateur as well as the skilled gardener.

It is full of valuable suggestions for the utilizing of the home garden, whether that garden be a city backyard or an enclosure of acres. *Gives in simple language such information as every man or woman who buys a single packet of seed is in need of.* No modern American work exists which covers this important field. Garden-Making is profusely illustrated. Price, \$1.00, postpaid.

DETROIT

Dark Red Turnip Beet

The Most Desirable Extra Early Beet for Planting Out of Doors.

A FIRST CLASS variety for everyone and especially for market gardeners. It is of such compact growth that more marketable beets may be grown on a given area than any other.

IT IS NOT ONLY BEAUTIFUL
AND GOOD, BUT EXCEED-
INGLY EARLY.

The Beets are perfect turnip-shape with small tap roots. Quality the very best, tender and sweet.

COLOR OF SKIN . . .

Dark Blood-red; Flesh Bright-red, Zoned with a Lighter Shade.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

Early Crimson Beet.

Earlier than Egyptian.

COMBINED with its extreme earliness it has beautiful shape and rich crimson color to commend it. It has a small top, and coming in so early makes it a particularly desirable Beet to grow to sell in bunches.

IT IS ALSO A VERY GOOD
VARIETY TO CULTIVATE
FOR THE FAMILY

as it is sweet and tender. We want everyone who appreciates a Beet of superior quality to try this one. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.

...THE...

Eureka

A NEW
EARLY
DWARF
FLAT...

CABBAGE



It has the unqualified endorsement of market gardeners wherever tried. 2222



...Some Opinions of It...

An Illinois Grower says: "Makes fine heads of large leaved Cabbage; best I ever tried."

This from Maryland: "Heads of Eureka are as hard as rock, and as early as Jersey Wakefield."

From Iowa comes: "Eureka is extremely early, sure to head and beats everything for solidity we ever saw, early or late."

A Trucker in N. Y. State says: "Have been raising garden truck about 40 years and have found no such early cabbage as Eureka."

...The EUREKA CABBAGE...

Was originated on Long Island, N. Y., by a specialist of established reputation, whose description of it is:—

"A Hybrid between 'EARLY WAKEFIELD' and 'SUCCESSION.' Dwarf, flat and general type of the latter, as early as the former, as hard as 'Danish Ballhead.'"

Its appearance can be seen from illustration above made from a photograph. Some leaves were removed to show the solid heads. Three Cabbages cover the top of a sugar barrel.

Testimonials of which a few extracts are herewith given prove this is an ideal Cabbage for every purpose, and it is with genuine pleasure we recommend it.

Pkt., 15c; oz., 50c; ¼ lb., \$1.50; lb. \$5.00.

BARNARD'S IMPROVED DANVERS CARROT

✿ Ours is the Market Gardener's Strain. ✿

IN and around Danvers, Mass. the growing of Onions and Carrots is carried on quite extensively. The truckers have by years of selection worked up the special strains which bear the name of Danvers.

The Danvers Carrot seed we offer is grown from carefully selected stock. They are rich, dark orange in color and handsome. This is a first-class carrot for any soil and an easy one to dig.

Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

HOLLAND CABBAGE

This is one of the hardest cabbages in cultivation and endures both frost and drought that would destroy other varieties.

Plants very hardy, rather long stemmed, but compact; the leaves are smooth, but thick; the head is of medium size, white, round and very solid, being

The hardest heading late cabbage we know of and of the very best quality.

Noted for its long keeping trait and for ready sales in spring market.

Pkt., 5c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.

... BARNARD'S ...

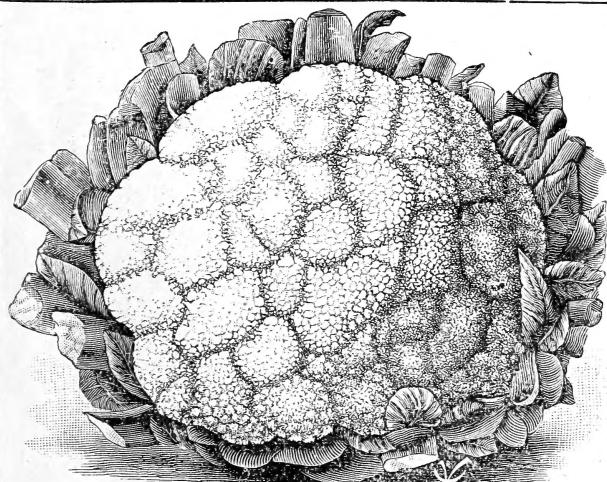
Early Snowball Cauliflower.

THERE is no vegetable where the quality of the seed has more to do with the success of the crop than in Cauliflower. It is one of the seeds in buying which the price should never be considered.

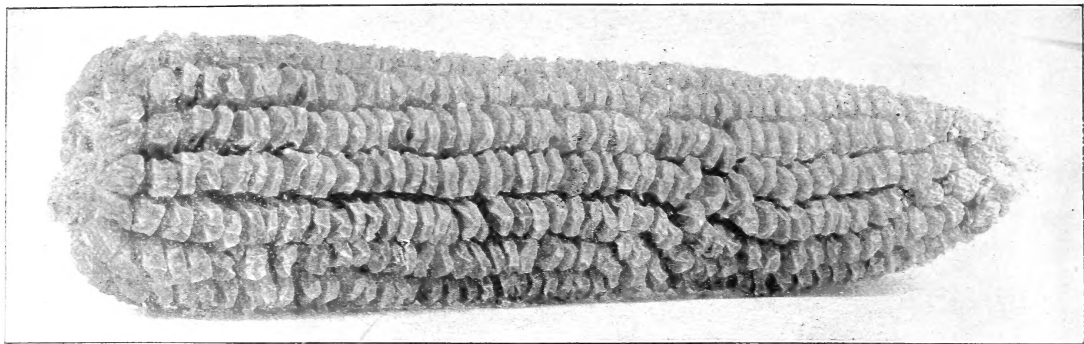
BARNARD'S EARLY SNOWBALL is a very early strain of Cauliflower. The plants are of dwarf, compact habit, almost every one will make a solid head of pure white color and finest table quality.

It has stood the test of years and stands unrivalled by any.

Pkt., 10c; ½ oz. \$1.35; oz., \$2.50; ¼ lb., \$8.50.



BARNARD'S EARLY SNOWBALL CAULIFLOWER.



IMPROVED EVERGREEN SWEET CORN.

✿ AN EAR ✿
PHOTOGRAPHED
FROM NATURE.

IMPROVED
EVERGREEN
..SWEET CORN..

✿ ABOUT ✿
TWO-THIRDS...
NATURAL SIZE.

THIS thoroughly established and well-tried variety is more largely planted than any other for a main crop, both by private families, market-gardeners and canners.

It can be Planted as Early in the Spring as any Other, and for a Succession of Crops can be Planted with Good Results as Late as July 4.

Our Improved Stowell's Evergreen is equal to any strain of it that can be found in the market, as it has been highly improved by careful selections of the best ears with the smallest cobs and deepest grains. It is very productive; grains deep, tender and sugary. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

✿ A Splendid Sort for Truckers and Market Gardeners. ✿

NO OTHER
EARLY
SWEET
CORN..
Can Compare
with it
IN SIZE.

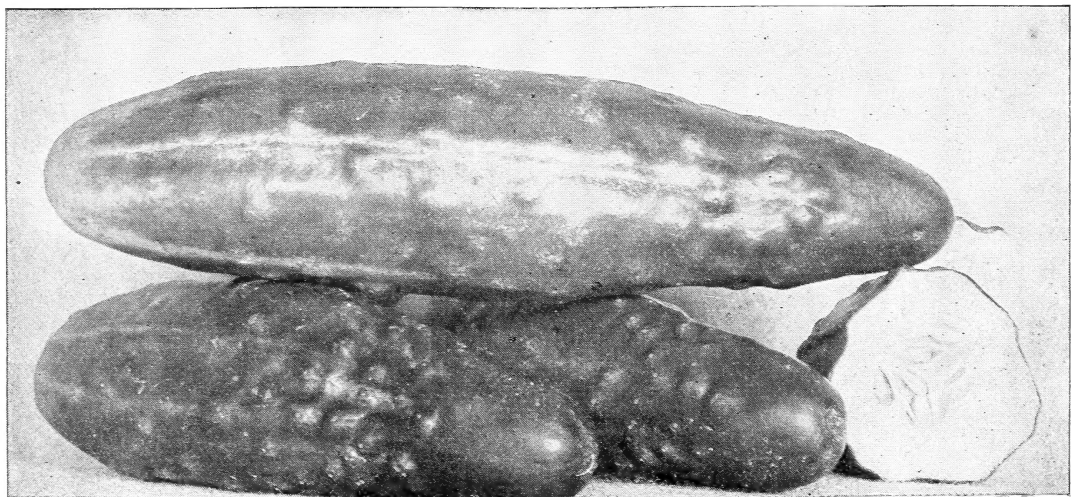
✿ **MAMMOTH WHITE CORY** ✿
EXTRA EARLY Sweet Corn.

MUCH time has been given to the improvement of Sweet Corn and in this variety most marked results have been obtained.

THE EARS ARE 12-ROWED, FULLY TWICE THE SIZE OF OLD CORY, WHITE COBBED, AND COVERED WITH LARGE WHITE GRAINS OF EXCELLENT QUALITY. . . .

Not the slightest mistake will be made by anyone who plants MAMMOTH WHITE COB CORY CORN. It is a pleasure to recommend it. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.00; bu., \$3.75.

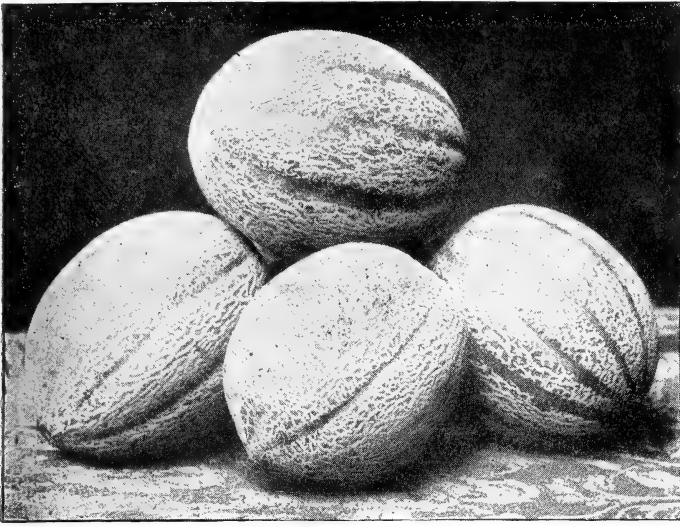
.. The ..
QUALITY
and
BEAUTY
of this vari-
ety insure
for it ready
sales in all
markets.



...PERFECTED JERSEY PICKLE CUCUMBER...

IN NEW JERSEY, contiguous to the city of Philadelphia, thousands of bushels of Cucumbers are grown, the JERSEY PICKLE taking the front rank with the gardeners of that state.

Its desirable form and uniform size are well shown in the photograph. The skin is thin; flesh white and tender, with few seeds. It is ten days earlier than the old Jersey Pickle, is more productive. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 75c.



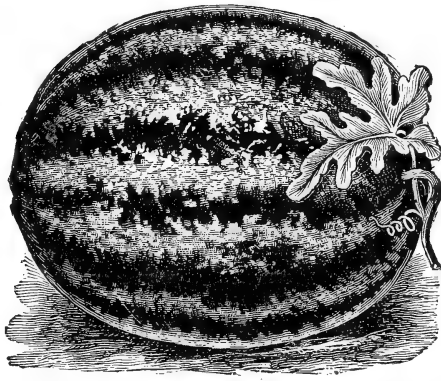
ROCKY FORD MUSK MELON.

The flesh is a light green color, very deep, exceedingly sweet, fine grained, combining every quality which goes into the makeup of a good Melon. Its size, shape and fine quality, and being a good shipper, will commend it alike to the family table and the market gardener.

STRAWBERRY ..MUSK MELON..

NAMED on account of its flavor.

In appearance it resembles the old green nutmeg. Mature specimens weigh 6 to 8 pounds each. Flesh smooth and deep, soft and melting, exceptionally sweet; color orange red. Introduced by us 3 years ago, this melon is now offered by almost all seedsmen. Mr. Beck, the veteran melon grower, who has given to the world several good Musk Melons, says: "This grand melon was originated by planting the most luscious variety of strawberries between every other row of a New Hybrid Musk Melon that I had previously perfected." Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



farmer should plant this melon. It is almost the only one which is certain to ripen. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

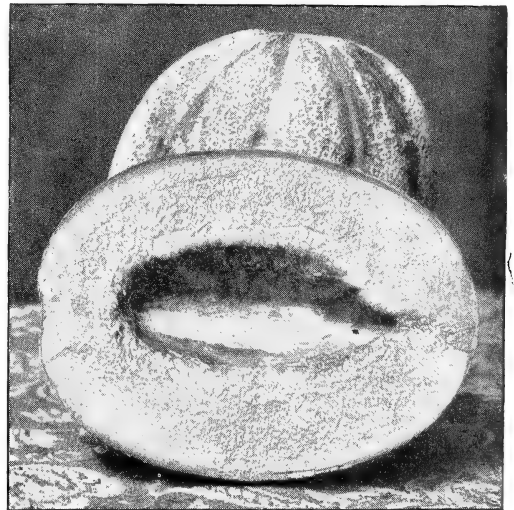
PAUL ROSE MUSK MELON.

When First Marketed was called "Petoskey."

THIS MELON is a successful cross of the Osage with the Netted Gem. Owing to the great thickness of the beautiful salmon colored flesh, the PAUL ROSE will weigh considerable more than a Netted Gem of the same size.

THE UNIFORM SHAPE AND AVERAGE DIAMETER (ABOUT 5 INCHES) OF THIS MELON PERMIT PLACING OF TWO LAYERS OF EIGHT EACH IN A HALF-BUSHEL BASKET, MAKING A HANDY PACKAGE OF SIXTEEN MELONS. THE COMPACT AND NEAT APPEARANCE WHEN PACKED, AS WELL AS THE EXCELLENCE OF THIS MELON, MAKE IT A MOST DESIRABLE SHIPPING SORT.

It is about two weeks earlier than the Osage. The Melons are nearly round. Seed cavity remarkably small. As a Melon for the table this is unsurpassed. Market gardeners who grow red-fleshed melons will find the Paul Rose their most profitable sort, while for the home table nothing better could be desired or obtained. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.



PAUL ROSE MUSK MELON.

Exceedingly
Prolific. . .

Unsurpassed in
Luscious Flavor.

ROCKY FORD MUSK MELON

Always brings the Highest
Price on the Market. . .

AN IMPROVED STRAIN of the Netted Gem type, which is grown on a large scale and to a wonderful degree of perfection at Rocky Ford, Colorado. From that locality it has been shipped to every section of the country and has attained national fame for dainty appearance, excellent quality and delicacy of flavor.

Our illustration (from a photograph) shows the true type of this Melon, which is oval in shape, averaging four inches in length,

We are fortunate in being able to offer genuine seed which has been grown for us by one of the most expert and careful cultivators at Rocky Ford. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.

..TRIUMPH.. WATER MELON.

WE CONSIDER this superior Melon to be one of the finest sorts of recent introduction.

Its extreme earliness will enable northern planters to cultivate it with a fair assurance of the crop maturing.

It is an enormous cropper. Specimen melons have been gathered which weighed 78 and 84 pounds. It averages 800 Melons of 40 pounds each to the acre. It is of fine shape, an exceedingly thin, tough rind, great productiveness, attractive color and excellent quality. Every northern farmer should plant this melon. It is almost the only one which is certain to ripen. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

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A Field of Yellow Globe Danvers Onions, Yielding at the Rate of 583 Bush. per Acre.

BARNARD'S SELECTED YELLOW GLOBE DANVERS ONION

..QUALITY..

FIRST EVERY TIME
IN ONION SEED...

It is of vital importance

and the only way

to insure a crop.

The Finest Strain in Cultivation. A Most Popular and Valuable Sort. It Produces the Kind of Onions which Command the Highest Price in Market.

THIS superior strain of **YELLOW GLOBE DANVERS ONION** represents all that can be obtained by painstaking selection and intelligent cultivation.

While it is suitable for and yields profitable crops on all classes of soil, it is **especially good for muck land** on account of its quick maturing qualities.

The firm, solid bulbs are all that can be desired in **size and quality** and **excellent winter keepers**. They are much sought after in all onion markets.

The onions from this strain of seed **ripen early and all at once**. They are

DISTINCT and ATTRACTIVE IN SHAPE, HANDSOME, BRIGHT EVEN COLOR; NFCKS VERY SMALL. 2 2 2 2 2 2 2 2

A conservative estimate of the yield per acre on well cultivated soil may be stated at 500 to 600 bushels from seed sown in the spring.

Having sold this strain of seeds for several years (chiefly to market gardeners), we can recommend it with the utmost confidence.

Pkt., 5c; oz., 15c; ¼ lb., 70c; lb., \$1.50. **Special Prices on Large Quantities.**

EARLY...



RED GLOBE ONION...

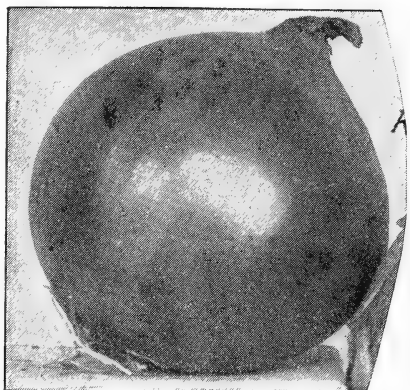
A NEW and distinct variety, maturing as early as the **Extra Early Flat Red**, but of a beautiful globe shape, much rounder and handsomer than the ordinary Early Red Globe, as shown in our illustration; skin deep red, flesh mild and tender, an excellent keeper. In bottoming and cropping qualities it is very superior, and very desirable for table or market use. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25, postpaid.

A Red Onion of Perfect Globe Shape

SOUTHPORT

..LARGE RED GLOBE...

The onions from Southport, Conn., generally command an extra price in the markets, because of their beautiful shape and color. Spherical, with small neck, very deep rich red color. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25.



✓ **EARLY RED GLOBE.**

AN exceptionally early Red Onion that is worthy of more extensive cultivation.

When ordering this seed please state the name in full, thus: "**EARLY RED GLOBE**," to avoid errors.

Extra Early Long-Keeping

AUSTRALIAN BROWN ONION..

A Most Profitable Variety for the Market Gardener....

WHILE this Onion has been introduced the short time of three years it has already proven *one of the most valuable ever sent out.*

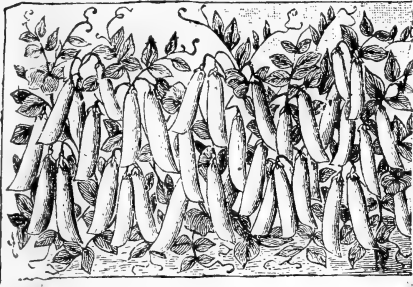
"**THE AUSTRALIAN BROWN ONION** is of medium size wonderfully hard and solid, and

Most Attractive for Market. . . .

both as to form and appearance. They are **extremely early** and **never** make any stiff necks or scallions."

The color of the skin is a clear amber brown, in marked contrast to that of all other onions.

Market gardeners who have tried this new onion speak of it in highest praises. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.



NOTT'S EXCELSIOR.

4 **SPLENDID DWARF PEAS**

SELECTED FOR SUCCESSION.

COULD BE ABLE to pick Peas for a continuous period it is necessary to make frequent sowings, or to plant on the same day a number of varieties which will succeed each other in being ready for table use.

Dwarf Peas require no brush or support of any kind. Of the four named below the first picking of Peas may be expected in 5 to 6 weeks.

DWARF TELEPHONE. 18 in.

Second early. Of dwarf, stocky growth, resembling the well known Tall Telephone in every way except that the vines are quite dwarf—18 to 24 inches. Pods about five inches long. Peas of largest size, light green and of delicious flavor. Pkt., 10c; pt., 25c; qt., 45c; pk., \$2.25.

HEROINE. 30 in. For quality

this Pea has no rival. It produces most abundantly long, pointed pods, containing 8 to 9 large Peas, "fairly melting in your mouth for sweetness." Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.10; bu., \$4.00.



BARNARD'S LEADER.

BARNARD'S LEADER. 30 in. It is absolutely the earliest of the earlies and is a prodigious yielder ripening with great uniformity. Pods of medium size, well filled with round, smooth peas of splendid flavor. Include this variety in your order, Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.50.

NOTT'S EXCELSIOR. 15 in. The earliest and

best dwarf wrinkled Pea. It is new and has come to stay. Outyields American Wonder to a large extent. The pods are longer, each one containing 6 to 8 large Peas. Pkt., 10c; pt., 25c; qt., 40c; pk., \$1.25; bu., \$4.50.

5 **TALL GROWING PEAS** WHICH RIPEN IN CONTINUED ORDER.

To cultivate tall growing Peas successfully the young vines must be furnished with sticks or trellises to run upon. This involves some additional labor to the gardener, which, however, is amply compensated by the much greater productiveness of tall growing peas. The varieties named planted the same day will require under favorable conditions from 8 to 9 weeks until the first picking can be made for the table.

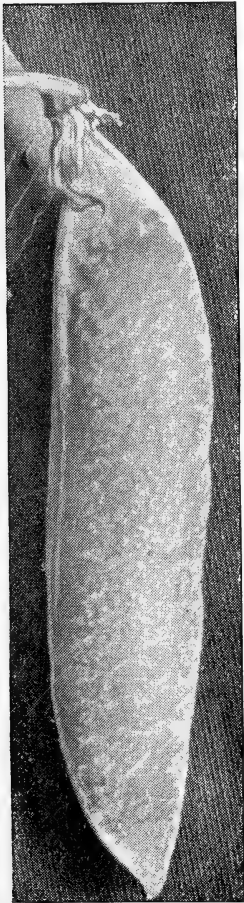
GRADUS

A new early and hardy wrinkled variety of the highest type of perfection; grows 2½ feet in height, is a vigorous grower; of light green color, pods and grain of very large size, closely resembling Telephone.

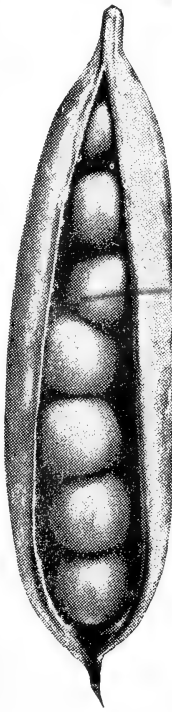
Our photograph alongside shows Gradus pod in natural size. The pods produce from 6 to 8 peas of enormous size, which when cooked retain their beautiful soft green color, and are sweet, rich and mellow. Pkt., 10c; pt., 50c; qt., 50c; pk., \$2.50.

SHROPSHIRE

HERO: 30 in. A much improved Yorkshire Hero, having longer and better filled pods. Peas green, wrinkled, of first quality. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.00; bu., \$3.75.



EARLY GRADUS.



CHAMPION OF ENGLAND.

Telephone

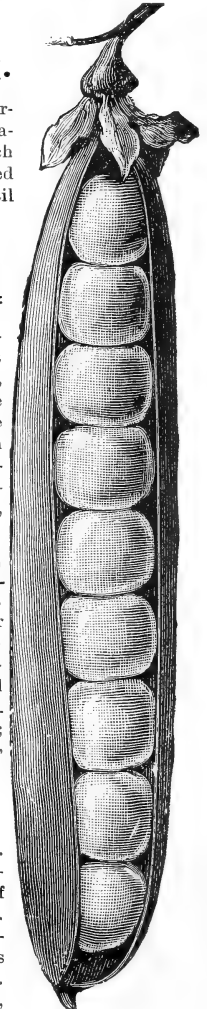
50 in. Enormously productive and of the highest quality. A strong grower, averaging 18 pods to the stalk. The pods are quite long and are filled with large wrinkled peas. A desirable sort for family garden. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.25.

LONG ISLAND

MAMMOTH. 42 in. Earlier than Champion of England. An excellent cropper. Pods large size and well filled with peas of excellent quality. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.15; bu., \$4.25.

CHAMPION OF ENGLAND. 55 in.

Universally admitted to be one of the very best late peas. Pods medium in size abundantly produced. Peas wrinkled and very sugary. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.25.



TELEPHONE.

New, Improved
..PARSNIP..

"THE CHAMPION."

MAKES FINER
SHAPED
ROOTS

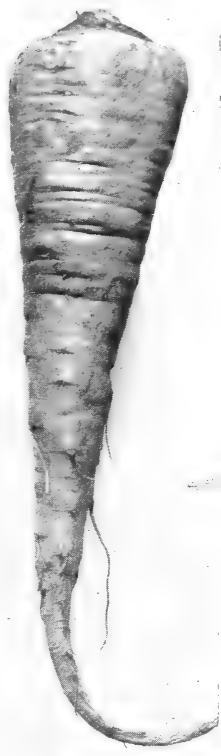
and of much better
 Flavor than other
 sorts. 2 2 2 2 2

In addition to the above
 valuable improvements, it
 has most excellent table
 qualities.

**THE CHAMPION
 PARSNIP...**

Makes a fine white, shapely
 root of much more hand-
 some appearance than the
 ordinary Hollow Crown va-
 riety. On the market it is
 shapely and attractive.

It is destined to supplant
 some of the older varieties
 when better known. Pkt.,
 5c; oz., 10c; ¼ lb., 25c; lb.,
 60c.



• • Parsley • •
CHAMPION MOSS CURLED.

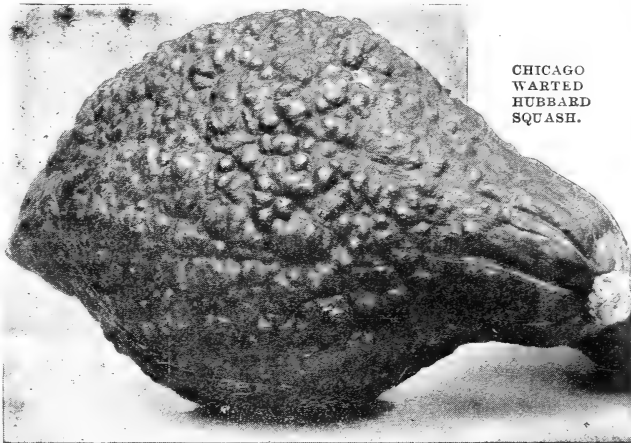
A PRIZE WINNING English
 Parsley, in which all the best
 points are combined. The plant
 in appearance resembles a tuft of
 green moss. The leaves are large,
 beautifully curled and of a dark
 green color. This parsley is slow
 to run to seed, stands heat, cold
 and drought better than any other
 sort, and does well in open ground
 or cultivated in frame. Pkt., 3c;
 oz., 7c; ¼ lb., 15c; lb., 65c.

A Genuine Novelty
RADISH

"TRIUMPH."

HAS Beautiful Scarlet Stripe
 running around the fine,
 white globe-shaped roots...

Its greatest value is for forcing
 purposes, it being short-leaved
 and of very quick growth, but it
 also does well in the open ground.
 We illustrate the TRIUMPH RAD-
 ish in colors on back cover. We
 can only offer this variety in
 packets this season. Pkt., 10c.



CHICAGO
 WARTED
 HUBBARD
 SQUASH.

ORIGINALLY this new, distinct and most valuable
 Squash was sent out under the name it still retains,
 GOLDEN HUBBARD, and it is a trifle misleading be-
 cause the skin is a rich orange red instead of the dark olive

Green . . . * *It ripens its fruit very early and uni-*
 Hubbard . . . * *formly, and though maturing early*
SQUASH * *the Squashes are wonderful long*
keepers so they can be carried over
for spring use. :: :: :: :: ::

The shell is warty, hard and strong. Flesh deep orange,
 rich in color, and in quality fully equal to the Hubbard.
 Cooks very dry and finely grained. Pkt., 10c; oz., 20c; ¼
 lb., 50c; lb., \$1.50.

THIS is not a new introduction, but is proving so val-
 uable a Squash that it is well worthy of the promi-
 nent place we here give it.

This fine form of the Hubbard is a favorite one with
 many market men.

Warted . . . *

Pure Dark Green

Hubbard . . . *

and Warty....

SQUASH * Our improved strain, produced by
 constant and careful selection, pro-
 duces Squashes of *uniform shape, dark green and warty*.
 Such Squashes are the best quality and **bring the highest**
price in market. Seed saved from nothing but the best
 squashes. Pkt., 5c; oz., 7c; ¼ lb., 15c; lb., 50c.

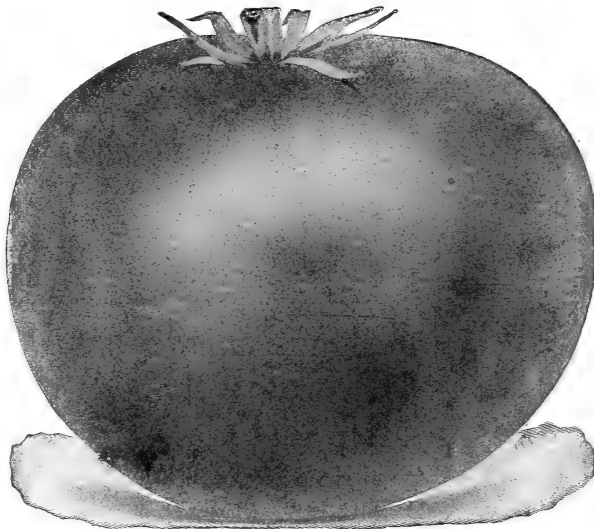
New Tomato FOR 1900.
...MAGNUS...

THIS very distinct and most promising new
 variety of the color of BEAUTY and ACME
 is the latest addition to the Tomato family.

It is *thicker, heavier and more solid* than any
 other, making it easily the most handsome in
 cultivation.

**CONTINUES IN BEARING ALL
 SUMMER AND REMARKABLY
 PRODUCTIVE.**

The form is perfect, uniform, large and attract-
 ive. Flesh very firm. It is a robust grower,
 with short joints. It is a heavy cropper. It is
 especially adapted for shipping, and is remark-
 ably fine for forcing indoors and out. Pkt., 10c.



MAGNUS TOMATO.

DAYBREAK
ASTER.

Specialties in Flower Seeds.

All have superior merit, though some are not strictly new.



Daybreak Aster . . .

A most beautiful bushy, branching Aster, growing about 2 feet high, with large double flowers composed of incurved petals, almost as regularly placed as in a Dahlia. The flowers are borne upright on stiff long stems, and the plants in bloom are charming. Pkt., 10c.

COLOR,
SOFT SHELL
PINK

ROUND
AS A BALL . . .

LARGE SIZE . .

THE LADIES'
FAVORITE

California Giant "Silver Tipped" ASTERS...

A NEW section of great beauty. The plants, about 18 inches high, grow rugged and branching, and bear in abundance very large elegantly formed double flowers about 3½ inches across, composed of regular, slightly recurved broad petals. The tip of each petal being silvery white, brings out in exquisite relief the warm rose-pink or brilliant blue in the depths of the flower.

Silver Tipped Rose Pink. Pkt., 15c.

Silver Tipped Blue. Pkt., 15c.

ORANGE YELLOW COSMOS.

THIS is entirely new both in color and habit. The plants grow 3 to 4 feet high with a mass of brilliant orange-yellow flowers. They begin blooming very early, when only about 18 inches high, and continue until severe freezing weather. Pkt., 10c.

NEW MAMMOTH FLOWERING...



Allegheny Hollyhocks.

THE flowers of this new variety are so different from the old conventional ones that but for similar habit of the plant it would not be taken for a Hollyhock.

They are from 4 to 6 inches in diameter, ranging from semi-double to double, and so finely fringed and curled that, compared with the old ones, they have the look of a flower from Fairyland.

The colors are shell pink, rose and ruby red, a shade or two deeper at the center, and exquisitely tinted toward the edge.

The flowers do not, as on the other double Hollyhocks, rot on the stems, but drop as soon as they fade. Pkt., 10c.

ALLEN'S DEFIANCE MIGNONETTE.

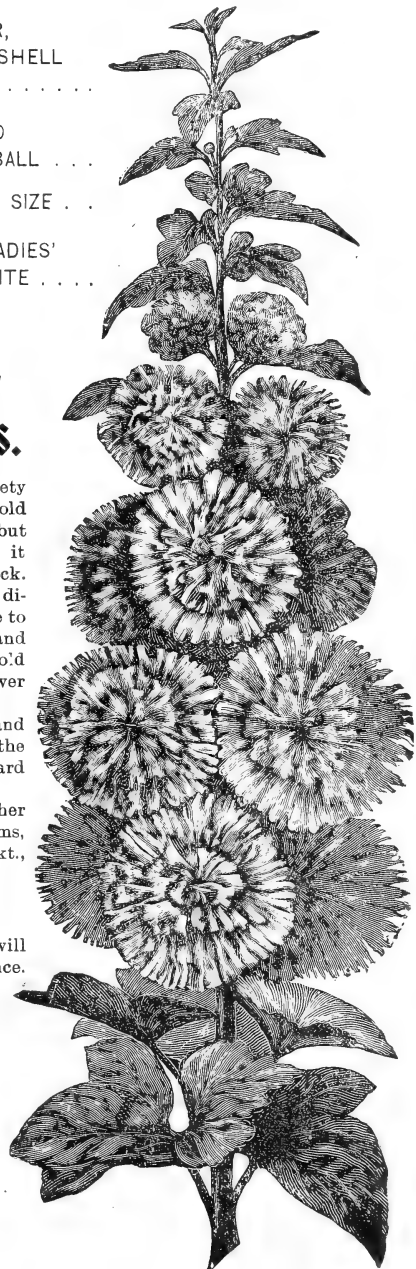
WHEN grown under favorable conditions and with proper care, the spikes will grow from 12 to 15 inches long. The flowers are of most delicious fragrance.

The individual florets are of large size and stand out boldly, forming a graceful as well as compact spike. It also possesses extraordinary keeping qualities, the spikes having kept three weeks after cutting, retaining their grace and fragrance to the last. Pkt., 10c.

Yellow Flowering Japanese Morning Glory.

A LARGE yellow-flowering Morning Glory is a rarity, and has never been grown to our knowledge outside of the Japanese Imperial Gardens, until we secured a few of the seeds three years ago. The canary yellow flowers, 2 inches across, are produced in wonderful freedom. The foliage is also unique and attractive; the deeply lobed leaves are mottled green, silver and yellow. It grows about 10 feet high and is very attractive trained on a trellis. Pkt., 10c.

Japanese Morning Glory, mixed see page 7.



ALLEGHENY HOLLYHOCK.



"SUNLIGHT" NASTURTIUM—Natural size flower.

NEW NASTURTIUM, "CHAMELEON."

A NEW departure in Nasturtiums. In richness and variety of colors it surpasses any other strain, and is also unique in bearing flowers of *quite distinct colorings on one and the same plant*—some clear, deep crimson, others beautifully mottled.

TALL CHAMELEON.—This variety, with its very large, rich flowers in the greatest variety, is unsurpassed for training over fences and trellises, and blooms with the greatest freedom. Pkt., 10c; oz. 25c.

DWARF CHAMELEON.—The contrast between the different flowers is wonderfully rich and striking. A splendid variety for massing or for borders, and in pots it presents an exceedingly bright and ornamental appearance. Pkt., 10c; oz., 25c.



Canary Bird Flower.

(*Tropæolum Canariensis*.)

A dainty climber with beautiful leaves and pretty flowers of a **clear canary yellow**. From the color of the flower and a resemblance of their shape to a bird with wings expanded, the plant takes its name. Pkt. 5c.

ROYAL MIXTURE OF TALL NASTURTIUMS.

The most showy and varied in color of all Running Nasturtiums.

THE mixture includes twenty of the choicest named varieties of tall Nasturtiums, and is distinguished by the richness of color and size of the flowers, which exhibit every shade of rose, salmon, bright red, bronze, maroon, pale-yellow, etc., self-colored, spotted and striped; exceedingly fragrant and flower freely for a long time; cannot be surpassed for covering trellises, fences, railings, balconies, etc. Large pkt., 10c; oz., 15c; ¼ lb., 45c.

ROYAL MIXTURE OF DWARF NASTURTIUMS.

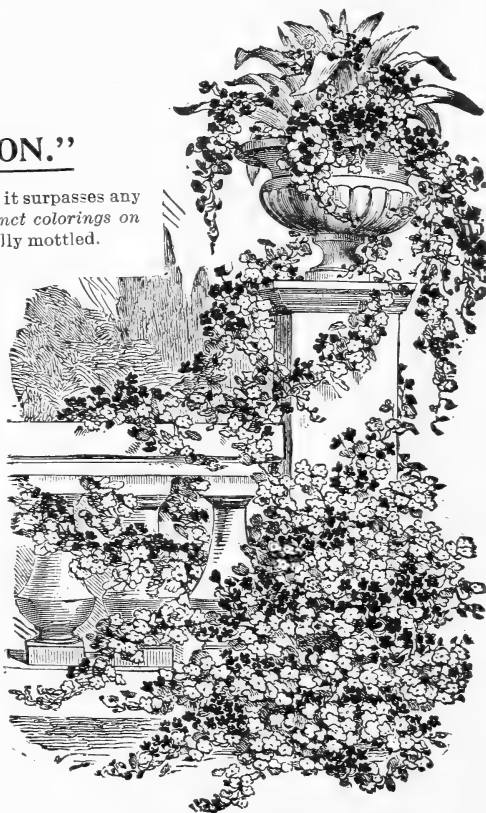
THIS seed is a splendid mixture of the most brilliant and striking colors. Dwarf Nasturtiums are among the finest flowers for beds and borders. They make low, bushy plants which bloom quickly, lasting until killed by frost. Large pkt., 10c; oz., 15c; ¼ lb. 45c.

GIANT AND FANCY

Nasturtiums...

"SUNLIGHT" This beautiful new Nasturtium has handsome light-green foliage, lit up by myriads of clear, rich, golden-yellow flowers, borne so profusely as to almost conceal the foliage. The petals are large and round, measuring more than 1¼ inches across, and are daintily crinkled, which gives a very pretty effect. The two upper petals have a few delicate brown lines at their base, and the three lower ones are more distinctly bearded or fringed at the throat than is usual. The flowers measure nearly three inches across. Its glowing color is wonderfully effective. Per pkt., 5c; per oz., 15c; ¼ lb., 40c; per lb., \$1.50.

For Complete List of Named Nasturtiums of all kinds and Collections of same, see page 73.



NEW CLIMBING NASTURTIUM.

Mme. Gunther's Hybrids.

These new **Hybrids of Madame Gunther** flower earlier and more abundantly than *Tropæolum Lobianum*. They make a stronger growth, climbing from five to six feet high, and are covered from spring to fall with large, substantial flowers of the most brilliant shades. They are remarkable for their wide range of colors, embracing rose, pink, salmon, purple, velvety dark maroon, light yellow and deep orange in self colors, as well as striped and blotched in the most fanciful manner. So ornamental is this new strain that it deserves a place in every garden, either for climbing or trailing from vases, over rock-work, etc. Price, per pkt., 10c; 2 pkts., 15c; oz., 20c.



LARGE FLOWERING PANSY "FAIRY QUEEN."

A NOTED German Pansy grower has produced this fine new large flowering Pansy, which is remarkable by its great beauty and its usefulness.

As a bedder it has a marvelous effect and as a solitary plant it is charming. "FAIRY QUEEN" is a valuable addition to the fine assortment of large flowering Pansies. The pure Sky-blue of its flowers, which is not met with in all the other Pansies, is splendidly bordered with white, thus producing a very distinct, yet delicate contrast. Pkt., 20c.

GIANT PARISIAN PANSIES

See colored illustration on front cover of this Catalogue.

A CELEBRATED French strain. Flowers extra large with stout, stiff stems. The ground color of the flower is usually light, with delicate pencillings and large blotches on the petals. Pkt., 7c.

NEW GIANT CURLED PANSY

...Masterpiece...

A remarkably new type amongst all the existing Pansies, which without doubt will be highly welcomed by all lovers of this class of plants.

The chief difference from the other Pansies in existence consists in a very original form of the flowers, the border of every petal being conspicuously undulated and curled. This peculiarity is to be found in nearly every flower, the size of which is extremely large.

The form of the flowers in all the other classes of Pansies hitherto known represents a more or less flat disc, while the flowers of the MASTERPIECE Pansy, on account of the crisp and curled petals, have a more globular appearance.

The extraordinarily free flowering plants are for this reason *admirably adapted not only for bedding purposes, but also in isolated positions, where they look unusually full.* But there is still another peculiarity just as much worthy of mention, that there are some tints of color which are not met with in any other Pansies. Pkt., 25c.

PANSIES

BARNARD'S FLORISTS' MIXTURE.

To get early flowering plants seed should be sown in boxes in March or earlier

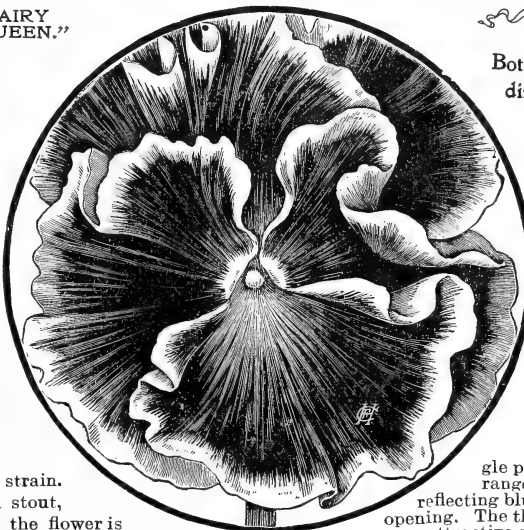
3249. We named this mixture for the reason that it is designed chiefly for florists, a class who demand the very best in Pansy seed, *no matter at what cost.* It is composed of the *largest, newest and most* beautiful Pansies wherever they can be found, and it includes seeds of some varieties which are so expensive that they can only be had in this Mixture. These Pansies are enormous in size with thick petaled flowers. Dark ones, smooth and of a velvety substance; light and steel blues; slate and mouse-colored; reds, the nearest approach to scarlet; satiny white, coal black, striped and spotted—almost every imaginable color, making

**GRAND PANSIES
Come from this seed.**

A MIXTURE OF MAGNIFICENT PANSIES—the very best that money can buy. Pkt., 20c; 3 for 50c; ½ oz., \$1.50.

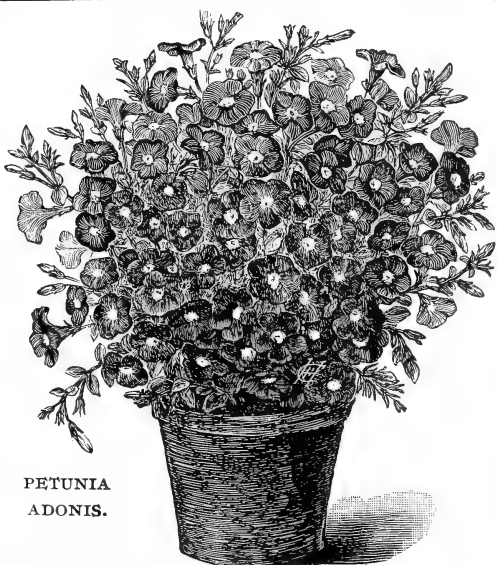
NEW PETUNIAS.

Both are admirably adapted for bedding purposes. ❀ ❀ ❀ ❀ ❀



SNOWBALL. This charming variety belongs to the dwarf compact class, forming round, bushy little plants, about 8 inches high. The flowers, while not large, are of splendid substance, remaining boldly expanded, and are produced in such profusion as to fairly cover the plant with its pure satiny white blossoms, forming a veritable "Snowball." It blooms uninterruptedly for months and makes a beautiful edging for bedding plants, and is also a beautiful object to grow in pots. Pkt., 15c.

ADONIS. A new and valuable addition to the dwarf class. The flowers are adapted to all purposes: bordering, groups or single pots, also for different flowering arrangements. The color is a fiery carmine reflecting blue, which is most noticeable when opening. The throat is pure white, which gives a very attractive appearance. This plant grows higher than the well-known Petunia Snowball, which to border the "Adonis" is highly recommended. Pkt., 15c.



PETUNIA
ADONIS.

ECKFORD'S NEW...

WHITE SWEET PEA

"Sadie Burpee"



"Plant thinly in good ground, cut freely, feed liberally with liquid manure right through the growing season, and I have no hesitation in predicting a four months' continuous bloom from the one sowing."—HENRY ECKFORD.

GORGEOUS

*Awarded a first-class Certificate at
Springfield, Mass., in 1898. :: ::*

FLOWERS of larger size and much richer in coloring than the well-known *Meteor*, while they have not the same tendency to burn under the hot summer sun. Erect, broadly expanded standard, of rich orange-salmon, deepening in the veins. Wings quite large, of suffused orange salmon, deeper in shade than the standard.

From thousands of sample packets distributed last season for advance trials, the general verdict is "the most gorgeous in coloring yet produced."

Lastly, it is a vigorous grower, bearing the large, gorgeous flowers, generally in threes, at the end of long, stout stems.

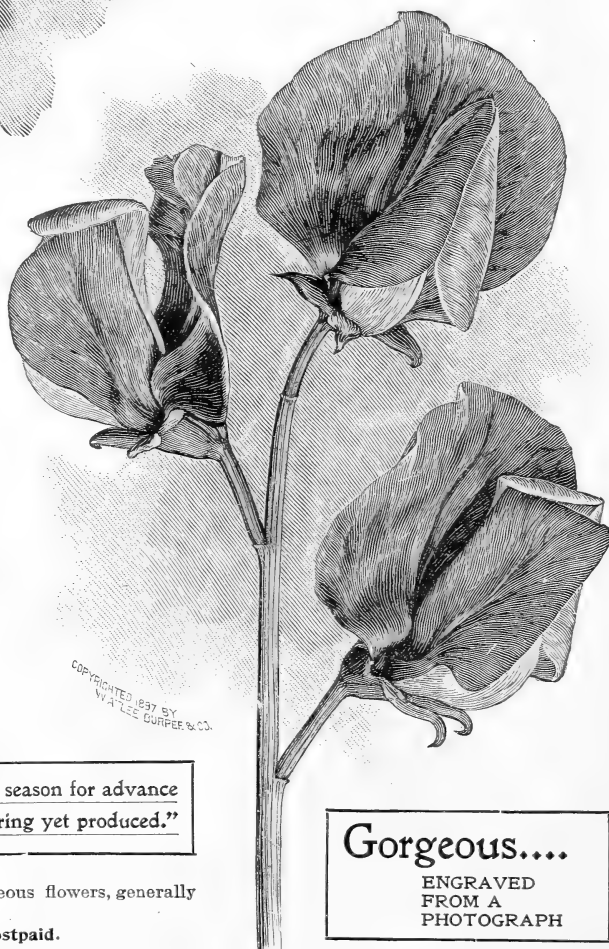
Pkt. 5c; oz. 15c; ¼ lb. 40c; \$1.50 per lb., postpaid.

THE extreme daintiness of its shape and pure, pearly whiteness is altogether beyond description. It is absolutely the prettiest shaped flower yet produced and is suitable for bouquet or buttonhole work.

"SADIE BURPEE" was one of the highest priced Sweet Pea novelties in 1889. It was sold only in packets containing 12 seeds for 25 cents.

"SADIE BURPEE" is sure to become immensely popular, as Sweet Pea amateurs and florists have for years waited expectantly for a really first-class, giant-flowered black-seeded White Sweet Pea, and the peculiarity of *Sadie Burpee* appearing in both black and white seed renders it additionally interesting.

Pkt. 5c; oz. 20c; ¼ lb. 60c; lb. \$2.00, postpaid.



Gorgeous....

ENGRAVED
FROM A
PHOTOGRAPH

Selected NEWEST SWEET PEAS For 1900.

THE RECOGNIZED position our collection of Sweet Peas is holding among others now offered is due to our constant effort to constantly add all really *distinct, beautiful* and *desirable* varieties as rapidly as introduced. Below we offer an extremely choice selection. Complete list may be found on page 79. Plant the seed not less than two in. deep.

If you invest in even one ounce of our

"Royal Mixture of Sweet Peas"

you will not only be rewarded with a wealth of glorious flowers, but derive greater satisfaction in growing Sweet Peas than ever before. It contains seeds of all the Sweet Peas in our list. Oz., 7c; $\frac{1}{4}$ lb., 25c.



Bouquet Collection

Containing one packet each of sixteen superb varieties (see page 79), 50 cents. The same sixteen kinds each put up in a separate oz. bag, making a pound of Sweet Peas for 75 cents. (See page 79.) One of the best and most desirable of late introductions.

PRICE—Any one variety, Pkt., 5c (about 75 seeds); oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

3704. **Columbia.** Standard light carmine and white; wings blue and white striped.

3705. **Countess of Powis.** Orange suffused with light purple. Much esteemed.

3224. **Golden Gate.** The numerous stems bear three or four flowers each, frequently two stems grow together, bearing six or eight flowers on one truss. The standard is soft pinkish-mauve, wings a lighter mauve and lavender.

3726. **Golden Gleam.** Finely shaped flowers; the best of the yellows.

12 Pkts., one each of above selected Sweet Peas for 40c. Regular price 60c.

3744. **Lovely.** Fine, large pink flower with rose colored wings.

3745. **Lady Nina Balfour.** Delicate mauve. A highly prized color. The largest of the mauve varieties and one of the best new Sweet Peas.

3768. **Maid of Honor.** Light blue on a white ground, shaded and edged. The flowers are borne three on a stem, of the finest hooded form, large size.

3831. **Navy Blue.** Large finely formed flower of purple indigo with deep blue wings. The best dark blue out.

3800. **Salopian.** Cardinal red of deeper shade than Firefly or Mars.

3801. **Shahzada.** Deep maroon standard with blue wings. One of the finest new varieties. Illustrated in colors on cover of this catalogue.

3807. **Stella Morse.** Flowers large, hooded; stems long and contain three or four flowers each, of a beautiful cream at first, changing to a faint tinge of blush.

3810. **Triumph.** Large flower with spreading wings. Orange pink.

12 ounces, one each of above selected Sweet Peas for 90c. Regular price \$1.20.

New Spotted Leaved Scarlet Salvia . . .

(*Salvia Splendens*, "Silverspot.")

A SPLENDID NOVELTY which we now offer for the first time. Its most distinctive feature is its strikingly handsome, spotted foliage. The leaves are rich soft **dark green**, with **light sulphur** or **cream colored spots** of various size liberally sprinkled over them. It is impossible to describe in words the charming effect produced by these spots. Our illustration conveys but a faint idea of the beautiful plant. The unique and elegant foliage is very abundant and has an extremely fresh and healthy appearance. The intense bright scarlet flowers are very large and the plants of neat compact habit of growth.

3538. **Salvia Splendens**, "Silverspot." As described above. Pkt., 25c.

"Fairy" or "Baby" Roses.

(*Rosa Multiflora*.)

3500. Seeds of these Roses sown in the house in February and transplanted to garden in May should be in flower in June, where they continue to bloom throughout the season, giving about an equal proportion of single, semi-double and double flowers borne in clusters and contain all the tints and colors of cultivated roses. One of the most unique and novel pot flowers now grown. Attracts attention everywhere. Think of it! You can plant any time during spring



SALVIA SPLENDENS, "SILVERSPOT."



FAIRY ROSE.

months and get Roses from seed the first year. H. H. A. Pkt., 1c.

... BABY PRIMROSES. ...

Primula Forbesi.

PLENDID plants for the window or greenhouse which are as yet comparatively unknown. :: :: :: :: :: :: ::

The illustration shows the great freedom with which it bears its flowers.

They are of a delicate rose color and they keep fresh for a long time after cutting.

The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then on until late in the spring they produce their sprays of beautiful flowers in seemingly never ending profusion. Pkt., 15c.

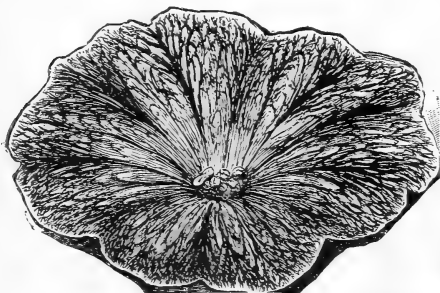


PRIMULA FORBESI.

... Rudbeckia ...

BICOLOR SUPERBA.

AN ANNUAL and a most welcome addition to the plants now grown extensively for cut flowers. Growing about 2 feet in height, it forms a many-branched dense bush and produces its long-stemmed flowers in the greatest abundance. The disk is brown, the ray florets are yellow, with large velvety-brown spots at the base. Pkt., 10c.



SALPIGLOSSIS.



SALPIGLOSSIS ...

LARGE FLOWERING

ONE of the most beautiful of flowering annuals, forming strong bushy plants about 18 inches high and bearing throughout the season large flowers from three to four inches across. They are beautifully veined and marked and are seen in various different colors, such as blue, rose, light yellow and others. Above is a fair representation of an individual flower. Mixed colors. pkt., 5c.



... New Emperor Salpiglossis ...

"BRIGHT CRIMSON."

Salpiglossis variabilis superbissima.

WITHOUT doubt this new addition to the family will be greatly appreciated. It forms only one single, leading stem, which bears on its end a bouquet of beautiful crimson flowers. The throat is wide open and short. Cut and placed in a tall vase it is a beautiful ornament to the table. Pkt., 15c.



EMPEROR SALPIGLOSSIS. any size, Pkt., 10c.

* FRINGED "Everblooming" PRIMROSES. *

Primula Obconica Grandiflora Fimbriata.

THE old OBCONICA is now a well known plant. The flowers are of a soft lilac shade and very charming. It is one of the most useful Primulas for pot culture, and also succeeds well in the open border during the summer months. A greatly improved strain whose flowers are much larger and with fringed edges is now offered. They contain several colors including lavender, bluish pink, white, etc. Most useful for cutting. Mixed. Pkt., 10c. :: :: :: :: :: :: ::

..NEW SCARLET SAGE..

"Drooping Spikes."

THIS magnificent scarlet sage or salvia has three times the flowering capacity of ordinary scarlet sages. The flowers are produced so abundantly as to bend the branches and suggest the name Drooping Spikes for this superb type. It is altogether attractive and showy, and one of the best for decorative purposes, whether used singly or in mixed groups. The plant blazes out in dazzling scarlet, and the color lasts all summer and fall. For early bloom start the seeds in the house, and set plants out when danger of frost is over. Packet, 10c; 3 packets, 25c.

See also Page 13...


Salvia "Silverspot."

Mammoth Flowered
VERBENA...

An improved strain whose very large flowers both in form and richness of color far surpass those of any other. :: :: :: :: :: ::

In this Mammoth strain will be found a percentage of striped and mottled flowers as well as a proportion of solid colors. There are also shadings and markings on the flowers of this strain seen in no other. The individual flowers are far beyond ordin-

NOVELTIES • IN • PLANTS

 The prices quoted include postage. You have no additional charges to pay. The PLANT DEPARTMENT (pages 81-97) includes Roses, Hardy Shrubs, Small Fruit Plants, etc., nearly all of which we can forward by mail.



FERN BALL.

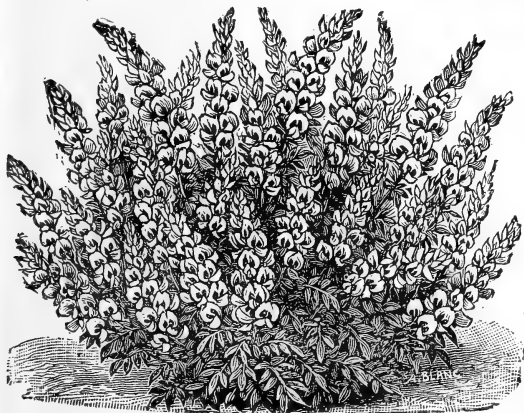
The Latest Novelty from Japan.

Thrives in the window, hung up by a cord. Requires no soil. When growing should be watered 2 or 3 times a week.

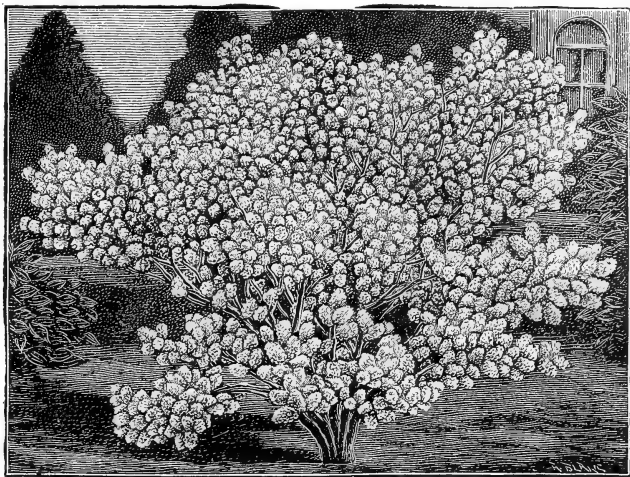
The center is moss, covered with fern roots twisted together. After watering they start into life and in a short time are covered with a mass of beautiful green foliage. If desired they may be allowed to dry up, which is very convenient when a person goes on a summer vacation. If desired they may be cut in halves and placed in a fern dish. Each, 75c; two \$1.25.

HARDY CLEMATIS

Paniculata. — White, extremely rapid growth, with large dark, shining, green foliage and a profusion of small, fragrant flowers borne in large panicles. After flowering, the seed pods assume a bronze tint, contrasting finely with the dark foliage. This is without doubt the most popular of all hardy climbing vines. Each 15c, 3 for 40c.



FLOWERING PEA BUSH.



NEW HARDY SHRUB "YELLOW HORN"

NEW HARDY SHRUB "Yellow Horn"

Blooms almost as soon as the frost is out of the ground. The handsomest early flowering shrub known. The bushes completely covered with beautiful flowers. Plants six inches high will bloom profusely. Will add beauty to the most magnificent of homes.

It is a shrub or small tree, reaching a height of 8 to 10 feet, having handsome light green foliage, resembling that of the Mountain Ash. Each, 15c; 3 for 40c.

New Dahlia...

Columbia

COLUMBIA is a large-flowered double Dahlia. It is a seedling from Alexander Cramond, an old English sort. We have secured the entire stock.

The flowers are rich, velvety crimson and they hold their petals remarkably well. This persistence of the petals will add materially to the value of this sort for cut flowers, and the color is one that will appeal to all flower buyers. Price, each 25c.

MONGOLIAN HONEYSUCKLE.

FLOWERING PEA BUSH. (*Hedysarum Multijugum*.)

This fine shrub attains a height of 5 to 6 feet, branching from close to the ground and spreading out widely in all directions. The flowers are of a deep violet red, with a white and yellow spot at the base of petals; borne in racemes 12 to 16 inches long and shaped like pea blossoms, from which it has been given the name "Flowering Pea Bush." It is exceedingly floriferous, being completely covered with flowers, and is really one of the very finest plants in our catalogue. It is of very easy cultivation, and its exceeding hardiness will make it a most welcome acquisition to gardens in the severe climate of the Northern United States and Canada, where many other fine garden plants do not with and the winters.

Price, 15c each; 3 for 40c.

THE NEWEST WHITE FIELD CORN

"White Elephant"

THE WORLD'S EARLIEST LARGE CORN.



THE WHITE ELEPHANT CORN

Is a pure white variety, has very deep grains, small cob considering the size of the ear, is the earliest large corn known, has matured thoroughly for several years, without fire drying, in Northern Illinois. A strong, vigorous growing plant, luxuriant fodder, has fully matured in 110 days of good corn weather. We do not recommend this variety for planting in the extreme north, but for general use in the corn belt proper it cannot be surpassed for large yield, size of ears and purity.

\$25

IN GOLD FOR THE HEAVIEST EAR

grown from seed of **White Elephant Corn** purchased from us.

Competitive ears to be in our possession (all charges prepaid) not later than December 1st, accompanied by a statement showing date when planted, method of cultivation and time of harvesting. Each ear will be weighed. Award will be made and premium paid prior to the publication of our catalogue for 1901.

This variety was originated by Mr. E. S. Fursman, the noted corn expert and lecturer, and with it he

WHITE ELEPHANT

WONDERFULLY
PRODUCTIVE

READ ITS RECORD

won premium for largest yield per acre competition at Illinois State Fair, having produced the phenomenal yield of 166 BUSHELS ON ONE ACRE.

At the Peoria corn exposition an ear of White Elephant was exhibited that weighed 33 OUNCES, 10 ears that weighed 19 and one-half pounds and 37 ears that weighed 70 pounds.

Our stock of this corn is limited and orders should reach us early. The great and favorable reputation enjoyed by the originator of this splendid variety will create a large demand and soon make it the LEADING VARIETY OF WHITE CORN.

The Greatest Offer of the Season..

7 lbs.

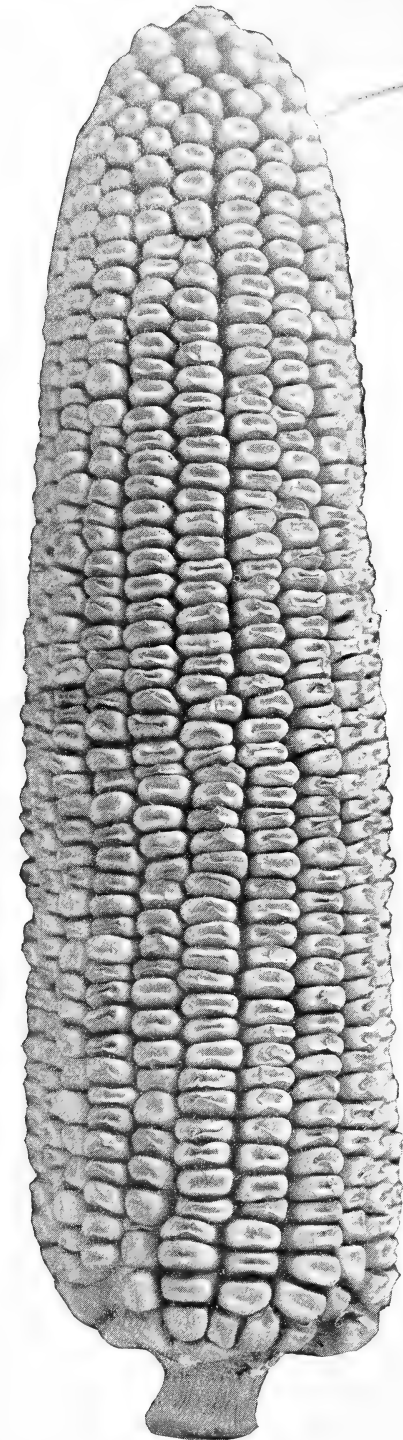
Delivered
Prepaid
for

\$1.00

With a view to giving this grand corn the widest publicity, we will deliver **seven pounds** for one dollar, charges prepaid. Not one farmer in the land shall miss the great opportunity to change his seed corn.

PRICE: Pkt., 10c.
Quart, 30c.
By Mail
Postpaid.

Peck, \$1.00
Half Bushel, \$1.50
One Bushel, \$2.00
Not Prepaid.



AN EAR OF

White Elephant

REDUCED ONE-THIRD
IN SIZE.

General List of Vegetable Seeds.

IT HAS ever been our endeavor as Seedsmen to make HIGHEST QUALITY the first consideration and then to fix our prices as low as GOOD, RELIABLE SEEDS can be sold. It is the poorest economy for the planter to invest in seeds whose chief recommendation is that they are cheap.

OUR PRICES INCLUDE POSTAGE on packets, ounces, quarter pounds, pounds, pints and quarts, Except Where Noted.

If the purchaser will pay the freight or express charges, ten cents per pound, fifteen cents per quart and ten cents per pint may be deducted from the prepaid prices herein offered.

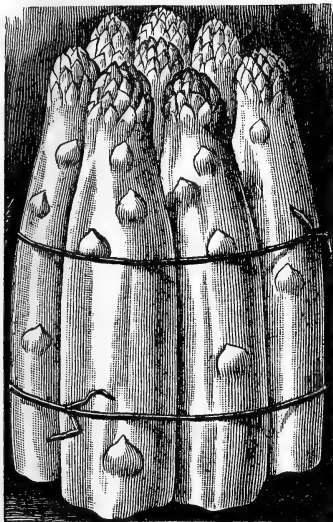
PACKET and OZ. SEED DISCOUNTS.

Purchasers may make selections of seeds in *Packets and Ounces* at these discounts:

For 25 cents select Seeds in pkts. and oz. amounting to .30.
For 50 cents select Seeds in pkts. and oz. amounting to .65.
For \$1.00 select Seeds in packets and oz. amounting to \$1.30.
For 2.00 select Seeds in packets and oz. amounting to 2.70.
For 3.00 select Seeds in packets and oz. amounting to 4.00.

ON SEEDS IN BULK

From Catalogue Prices by the ¼ pound, pound, peck or bushel, when cash is sent with order, purchaser may deduct 5 per cent. on an order from \$3.00 to \$5.00, and 10 per cent on an order from \$5.00 to \$10.00. This discount refers to SEEDS quoted in catalogue by weight or measure (except those in the division of Farm Seeds on pages 49 to 56) and not to Potatoes or Bulbs, nor to seeds in packets and ounces.



COLUMBIAN MAMMOTH WHITE.

CONOVER'S COLOSSAL. A well known green variety of excellent quality and quick growth. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

PALMETTO. Early, large, excellent quality. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

BUSH BEANS.

BONNEN, Ger. HARCOT, Fr.

One quart to 100 feet of drill or to 200 hills.

THE best soil for Beans is a light, rich, well-drained loam which was manured for the previous crop. As soon as all danger from frost is passed, plant in drills, two to three feet apart, two inches deep, three to six inches apart in the row. In hills plant two feet apart one way and three feet the other. From one pint to two quarts of seed are required for a family.

GREEN-PODDED VARIETIES.

Stringless Green Pod.

The Earliest and Best of the Green-Pod Sorts.

The claim is made for this variety that it is the only absolutely stringless Bush Bean, consequently surpassing all others in crisp, tender flavor. The illustration shows the width and thickness of the long, beautiful, straight pods. This variety is ready to market even earlier than the Long Yellow Six Weeks. It fully bears out every claim made for it. Pkt., 10c; pint, 30c; quart, 55c; pk., \$2.50.

IMPROVED RED VALENTINE.

Fully ten days earlier than the common Valentine and therefore prized by market gardeners as well as for its great productiveness. Beans medium size, marbled in pink and red; pods long, curved, fleshy and tender. Pkt., 10c; pt., 25c; qt., 45c; pk., \$2.00.

ARTISCHOKE, Ger. ARTICHOKE. ARTICHAUT, Fr.

GREEN GLOBE. Sown and grown in good garden soil this variety will last for years. Its flower heads cooked like Asparagus are relished by many. Pkt., 5c; oz., 30c.

JERUSALEM ARTICHOKE. Produced from Tubers. Cultivated like Potatoes. They are sometimes used as a table vegetable, but their chief value is as stock food. Swine are particularly fond of them and all animals eat them with relish. One barrel will plant an acre. Lb., 25c., prepaid. Pk., 35c; ½ bu., 65c; bu., \$1.25, not prepaid.

Asparagus.

SPARGEL, Ger. ASPERGE, Fr.

One ounce will sow sixty feet of row.

IN early spring sow the seed, after soaking it 24 hours in warm water, in drills one foot apart, and one inch deep. During summer keep the soil mellow and free from weeds, thinning the plants to four inches apart. The following spring transplant into permanent beds, that have been deeply dug and highly manured.

COLUMBIAN MAMMOTH WHITE. It produces very strong shoots which are pure white, and so remain. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

Asparagus Roots.

ONE to two years' time may be gained by setting out roots. This can be done in spring or fall. The ground should be well manured and trenched deeply. The roots should be planted two feet apart, one foot apart in the row, and at least 6 inches deep.

If to go by mail add 25c per 100 to price of one year old roots and 50c per 100 for two-year old plants. We supply 25 of a kind at the 100 rate, 250 at the 1000 rate.

COLUMBIAN MAMMOTH WHITE. Two-year old roots. 100, \$1.00; 1000, \$6.50.

CONOVER'S COLOSSAL. One-year old roots, 100, 50c; 1000, \$4.50. Two-year old roots, 100, 75c; 1000, \$5.00.

PALMETTO. Two-year old roots, 100, 75c; 1000, \$5.00.



GREEN POD
NEW STRINGLESS

BUSH BEANS—Continued.

GREEN PODDED VARIETIES.

LONG YELLOW SIX WEEKS. Hardy, early and productive. A standard sort for general crop. Pkt., 10c; pt., 25c; qt., 40c; pk., \$1.75.

EARLY MOHAWK. Long, flat straight pods. Much grown in the South to ship to Northern markets. Pkt., 10c; pt., 25c; qt., 40c; pk., \$1.75.

Improved Extra Early Refugee.

It has all the excellent qualities of the ordinary Refugee with the additional advantage of being fully two weeks earlier in podding. Pkt., 10c; pt., 25c; qt., 45c; pk., \$2.00.

REFUGEE or 1,000-to-1. Pods round, thick and tender. Beans, brown speckled. Season, medium to late. Extensively grown for pickling. Pkt., 10c; pt., 25c; qt., 45c; pk., \$2.00.

EARLY CHINA RED EYE. An old standby. Very early and of excellent quality. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.50.

VARIETIES FOR SHELLING.

BOSTON SMALL PEA. Early, hardy, and prolific, yields from forty to sixty fold with ordinary field culture. Pkt., 5c; pt., 20c; qt., 30c; pk., 90c; bu., \$3.25.

WHITE NAVY. Valuable chiefly as a field bean and considered by many the best baking variety. Pkt., 5c; pt., 20c; qt., 30c; pk., 90c; bu., \$3.25.

ROYAL DWARF, OR WHITE KIDNEY. Excellent cooked with sweet corn, making "succotash." Among the best as a winter bean. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.00; bu., \$3.75.

DWARF HORTICULTURAL. Late; productive and much esteemed for good quality of the beans. Pkt., 10c; pt., 25c; qt., 50c; pk., \$2.25.

LARGE WHITE MARROW. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.25.



CHALLENGE
DWARF BLACK
WAX BEAN.

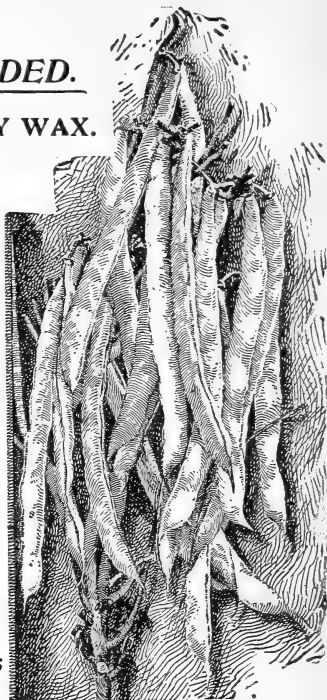
WAX PODDED.

DAVIS KIDNEY WAX.

The BEST Bean

For Market Gardeners and Cannerys.

THE large beans are pure white, kidney shape, excellent for cooking green or dry. The pods while young are stringless, tender and of excellent flavor, very long, straight and uniform size and shape, of a clear waxy white, do not discolor in canning, making them most desirable for the canner. The Davis Wax will delight the market gardener as they are unusually productive, keep well and present the finest appearance in the market. Pkt. 10c; pt. 25c; qt., 50c; pk., \$2.25.



DAVIS WAX BEAN.

...ROGERS' LIMA WAX...

A first-class Wax Bean and a decided novelty.

Named Lima on account of its glossy foliage and bloom, which resembles the Dwarf Lima. Pods lemon yellow, broad and flat, borne in great profusion. Quality, tender and juicy. Seed oval, small, pure white. Sure to become a favorite main crop variety. Pkt., 10c; pt., 25c; qt., 45c; pk., \$1.25.

IMPROVED GOLDEN WAX. In repeated comparative trials this improved strain has greatly outyielded other varieties. Pods are thicker than those of Golden Wax, stringless and of much better quality. Absolutely rust proof. Pkt., 10c; pt., 25c; qt., 45c; pk., \$1.75.

Wardwell's Kidney Wax.

Pods long, nearly straight, white, wax-like and handsome, of good quality. Beans, large, kidney-shaped, white with dark markings about the eye. A most profitable variety for the market gardener. Packet, 10c. pt., 25c; qt., 45c; pk., \$2.25.

Challenge Dwarf Black Wax.

The Earliest Wax Bean in Cultivation:

Fully **one week earlier** than any other. Continued trials strengthen all the claims made for this grand bean. Its vigor and productiveness leave nothing to be desired. Pods clear waxy white, round, fleshy, crisp and tender. The dry been is jet black, long, curved and rather flat. Packet, 10c; pt., 25c; qt., 45c; pk., \$1.75.

REFUGEE WAX. It produces immense pods of a golden yellow color and always remains tender. Suitable for early or late sowing, and for a wet or a dry season. Pkt., 10c; pt., 25c; qt., 45c; pk., \$1.75.

BUSH BEANS, WAX PODDED VARIETIES—Continued.

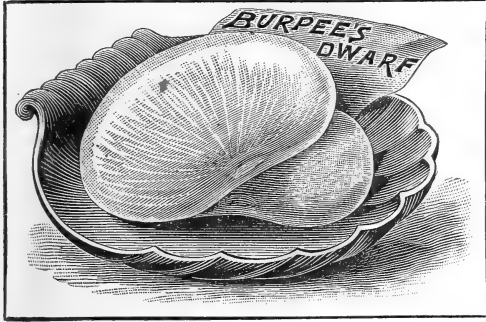
BLACK WAX. Early. Pods short, round, nearly white, beans black when ripe. Valuable as snap bean. Amply rewards the gardener for good care and cultivation—whether for the market or the home table. Pkt., 10c.; pt., 25c; qt., 45c; pk., \$1.75.

DETROIT WAX. So hardy as to be called rust-proof, and its straight, handsome pods will keep a long time without spoiling, making it a fine sort for shipping long distances. Pkt., 5c.; pt., 20c.; qt., 40c.; pk., \$1.10; bu., \$4.00.

RUST PROOF BLACK WAX.

This is an early, productive, good bean, having long, flat, yellow pods of fine quality. The dry beans are blue black. Foliage vigorous, healthy and rust proof. Pkt. 10c; pt. 25c; qt., 45c; pk., \$2.00.

IMPROVED PROLIFIC BLACK WAX. Much earlier and more prolific than the old strain. Pods golden, even, stringless and of fine quality. Pkt., 10c; pt., 25c; qt., 45c; pk., \$1.75.



Bush Lima Beans.

BURPEE'S DWARF. Plants make perfect bushes from eighteen inches to two feet high. They are *sure croppers* and *immense yielders*. Pods as large as those of the Pole Lima, and contain three to five beans of the best quality. Pkt. 10c; pt. 30c; qt. 50c; pk. \$2.25

HENDERSON'S BUSH LIMA. Valuable on account of extreme earliness. Extremely productive, tender and delicious. The dry beans are small and white. Pkt. 10c; pt. 25c; qt. 45c; pk. \$2.00.

DREER'S DWARF LIMA. Thick pods and large thick beans, three or four in a pod. Ripens fully ten days earlier than the Pole Lima of same name. Pkt. 10c; pt. 30c; qt. 55c; pk. \$2.35.

Running or Pole Beans.

Pole beans are more tender and require more care in cultivation than the dwarf or bush varieties, and should be *sown* two weeks later; they succeed best in sandy loam, which should be liberally enriched with manure. Form hills from three to four feet apart; plant five or six beans in a hill, about two inches deep, leaving space in the center for the pole. When the beans are well started, they should be thinned to two or three plants in a hill. *One quart makes 100 to 200 hills, according to size of beans. Eight to twelve quarts plant an acre.*

Lima beans will not grow until the weather and ground are warm; if planted before they are apt to rot in the ground.

SIEBERT'S EARLY LIMA.

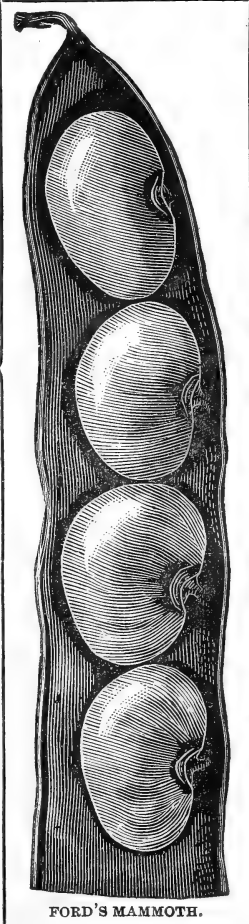
The Earliest of the Large Limas.

When in condition to use green, the beans are larger than those of any other variety. The vines are exceptionally hardy, and not only produce pods earlier, but they continue in bearing longer than any other sort. In earliness, ease of shelling, and quality of the beans, this variety is far in advance of all other sorts. Pkt., 10c; pt., 25c; qt., 50c; pk., \$2.25.

KING OF THE GARDEN LIMA. In general habit of growth this is similar to the large white Lima but matures the fruit much earlier. It possesses the characteristic of setting beans early at the bottom of pole and producing continuously to the end of the season. In productiveness they excel the common Lima. Pods are 6 to 8 inches in length and contain five to seven beans of unusual size, which lack nothing in quality. Pkt., 10c; pt., 25c; qt., 50c; pk., \$2.25.

FORD'S MAMMOTH. The largest of all Limas. The vines are vigorous, setting the pods low down. These pods enclose from five to seven beans, without exception the finest flavored of all Limas. Bears continuously throughout the season until frost. Pkt., 10c; pt., 25c; qt., 50c; pk., \$2.25.

CUT SHORT, or CORN HILL. An old variety that is in favor for planting among corn. It will yield a good crop without the use of poles. Beans nearly oblong, cut off at the ends, white and partially dotted with white spots. Pkt., 10c; pt., 25c; qt., 50c; pk., \$1.50.



FORD'S MAMMOTH.

EXTRA EARLY LIMA. The pods are large and numerous, invariably having from four to five beans in each pod. These beans appear in eastern markets nearly two weeks ahead of ordinary limas, selling at from \$3.00 to \$4.00 per bushel of pods, and previous to the introduction of Siebert's Early were considered the earliest. Pkt., 10c.; pt., 25c.; qt., 50c., postpaid; pk., \$2.00.

LARGE WHITE LIMA. A late standard variety which has long been considered the most tender and delicious bean grown, either green or ripe. Ours is an extra selected stock. Pkt., 10c; pt., 25c; qt., 50c; pk., \$2.00.

DUTCH CASE KNIFE. This is also used as a cornhill bean. Pods very long and flat; beans flat, kidney-shaped, white, of excellent quality green or dry. Pkt., 10c; pt., 25c; qt., 45c; pk., \$1.40; bu., \$5.25.

LAZY WIFE'S. A late bean that is *unsurpassed for use in any season*. Pods long, broad and thick, easy to gather. *Stringless, rich and buttery* when cooked. Pkt., 10c; pt., 30c; qt., 60c; pk. \$3.00.

KENTUCKY WONDER. *Best green podded Pole Bean.* Pods green, nine inches or more long, nearly round, fleshy, stringless and of excellent flavor. Dry beans, long, oval, dun-colored. It is an early and most prolific variety. Pkt., 10c; pt. 30c; qt. 50c; pk. \$2.50.

SCARLET RUNNER. This variety is cultivated chiefly for its bright scarlet flowers. Its vines and leaves are very strong, making an excellent climber. Beans of fair quality, either cooked or dry. They are of a purplish color variegated with black; large thick and kidney shaped. Pkt., 10c; pt., 25c; qt., 45c.

The prices quoted by the packet, pint and quart are for the best Seed Beans, Postage Paid, by Mail. Remember that, by express or freight, you can DEDUCT 8c. per pint or 15c. per quart.

BEET. FOR THE TABLE.

RUNKELRUEBEN, Ger.

BETTERAVE, Fr.

CULTURE.—Sow as early in the spring as ground can be worked and for succession every two weeks after up to the first of July, in drills twelve to fourteen inches apart, and when well up thin to from four to six inches. The young plants removed in thinning, are excellent cooked in same manner as Spinach. Take up the roots in October and store in cellar like Potatoes.

✓ DIRIGO. A new, extra early turnip beet which we consider the best yet introduced on account of its handsome shape and attractive color. It is one of the best for either summer or winter use. It is a beautiful dark red color, of fine grain and flavor. Tops and tap roots quite small. A most desirable variety for market gardeners by whom it is used largely for bunching. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

• Barnard's Selected Edmand's Blood Beet. •

A **SPLENDID** American variety which by constant, careful selection has become fixed and uniform in shape. It is round and smooth, does not grow very large, therefore requires but little thinning. It has a small top and a single tap root. An excellent sort for bunching. The flesh is deep red in color, exceedingly sweet and tender. It matures early. It is a standard winter variety. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

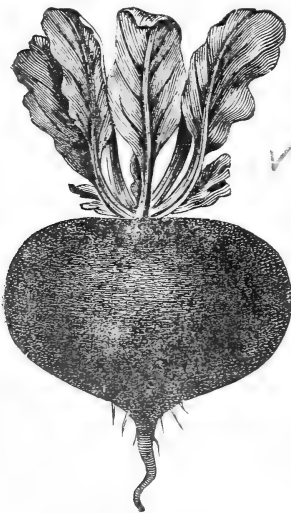
✓ EGYPTIAN BLOOD TURNIP. A standard early variety. Globe shaped, somewhat flattened on top. Skin deep red, also the flesh, which is of fair quality. Tops very compact. Many beets can be grown in a limited space. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45c.

• Crosby's Egyptian Beet. •

This strain is much in demand by market gardeners for forcing and early out-door sowing as it reaches a saleable size in a short time. It is turnip-shaped, of good form, small necked, with short tops and a deep blood color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

✓ IMPROVED EARLY BLOOD TURNIP. An old standby. This beet does not mature so early as those named above. It is an excellent one for the home garden and summer use. Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45c.

EARLY FLAT BASSANO. Tops large, leaves light green, the leading sort to sow for greens. Roots quite flat, grows to a large size; flesh pink with white zones, sweet and tender when young. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.



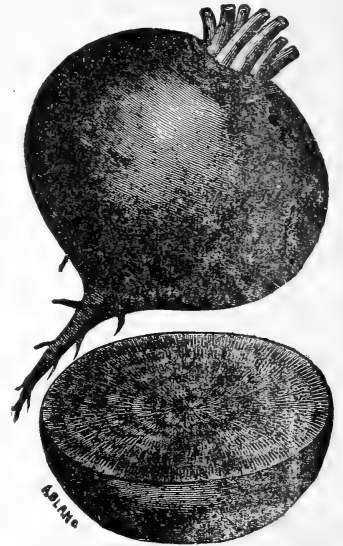
EDMUND'S IMPROVED.

DEWINGS EARLY BLOOD TURNIP. A superior beet for the table. Skin smooth, flesh dark red with white bands. Good for summer or fall use. The best main crop variety. A great favorite with market men. Our stock is unexcelled by any in the country. Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45c.

Special prices will be made to buyers of Beet seed in quantity.

SWISS CHARD, or Sea Kale Beet.

We recommend all our customers to try this distinct vegetable, which is superior to the common beet for greens; if sown at the same time it will be fit for use before it. Later, the plants form broad, flat, beautiful wax-like stems to the leaves, which are very delicious cooked as beets or pickled. Packet, 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 45c.



ECLIPSE BEET.

Eclipse Beet.

✓ THIS is not only an extra early beet but if sown late it is valuable for winter use. Its extreme earliness, neat globe shape with small top and crimson color make this a most popular sort with market gardeners for bunching. Packet, 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

COLUMBIA. It was introduced within a few years and is one of the very best for table qualities. It is turnip-shaped, has smooth skin and deep blood-red flesh. Fully as early as Eclipse but superior in many ways, never becoming coarse or pithy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

HALF LONG BLOOD.

This is an entirely distinct variety and by far the best for winter use. The roots are about one-half as long as the Long Dark Blood, but on account of their thickness weigh quite as much. They are always smooth and handsome, and the rich, dark red flesh is very sweet, crisp and tender, never becoming woody, even in portions above the ground. We consider this the most valuable sort of recent introduction. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

✓ IMPROVED LONG DARK BLOOD BEET. Tops large, necks small, leaf stems and vines red, leaf green, roots large, tapering, growing even with the surface, dark red, flesh dark red, zoned with lighter shade, very tender and sweet and remaining so when kept till spring. Packet, 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c.

⚠ Please remember that our prices are for seeds post-paid by mail. If ordered by freight or express, at purchaser's expense, eight cents per pound should be deducted.

Mangel Wurtzel and Sugar Beets.

THE value of Mangels for stock feeding cannot be over-estimated. The results from their use are clearly seen in the improved health and condition of animals, the increased flow and quality of milk from cows, and the saving in fodder. Mangels yield enormously if the soil is rich, and can be grown at trifling cost. *Everyone who keeps even one cow should grow a patch of Mangels for winter feed.*

Sugar Beets are not as heavy yielders as Mangels, but they are of better quality, abounding in saccharine matter. For sugar producing purposes these beets are grown in Europe by thousands of acres, and in some localities in our own country immense establishments are in successful operation, extracting sugar from beet roots.

CULTURE: Both Mangels and Sugar Beets require deep, well enriched soil. Sow in May or June in rows eighteen inches to two feet apart, and three to eight inches in the rows. Young plants may be transplanted to fill up vacancies. As soon as frost occurs, dig the crop, 4 to 5 lbs. are required for an acre.

Mammoth Long Red Mangel.

THIS Mangel grows to an immense size (often eighteen inches long) much out of the ground and is enormously productive on rich soil. It is an excellent keeper, very nutritious and milk producing. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.; 5 lbs., not prepaid, \$1.00.

MONARCH. A new variety of mammoth proportions and rich, blood-red color. The roots are remarkably smooth and handsome, and of superior nutritive qualities. Moreover, it is enormously productive. This will prove itself a secure investment for our farming and gardening friends. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 35c., postpaid; 5 lbs., \$1.25, not prepaid.

NORBITANT GIANT. Not surpassed for cattle feeding. Flesh red, very solid. Roots very large, always keeping well. A variety that pleases all. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

GOLDEN TANKARD. Contains less water and more sugar than any other. A special feature is the rich, deep yellow color of the flesh, nutritious and milk-producing qualities. It is very hardy and productive. Grows two-thirds above ground and can be dug very easily. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

PRIZE CHAMPION GLOBE.

A large, globular, orange-colored variety of the Mangel that is even a better keeper than the Long Red. It produces fine crops upon shallow soil. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

SUGAR BEETS.

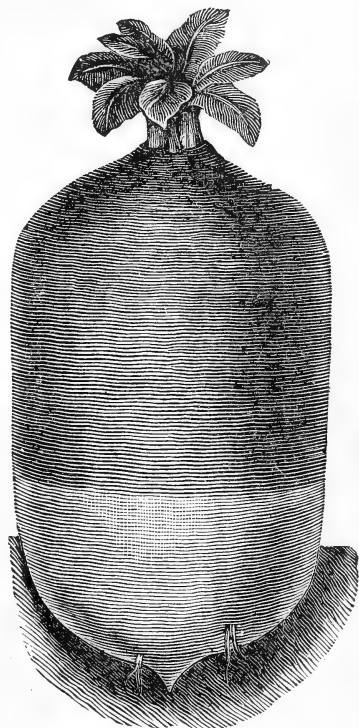
KLEIN WANZLEBEN. In sugar beet growing sections this variety is esteemed for its certainty to mature a crop which is rich in sugar. It has a conical-shaped root, large and tapering; yields from twelve to eighteen tons of beets to the acre. Oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

LANE'S IMPROVED SUGAR BEET. The best one to grow for stock feeding. The flesh is sweet and tender, and it is by some people liked for table use. Oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.

BORECOLE or KALE. Seeds may be sown in a moderately rich soil, in an exposed situation, in April or May. In transplanting treat the plants like young cabbages. The central leaves are used as spinach, and are much improved by frost.

DWARF GERMAN, Greens or Sprouts. More hardy than cabbage. The leaves are curly, bright green and very tender. Excellent for garnishing and makes splendid greens for winter use. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.

GREEN CURLED SCOTCH. About two feet high, and bears green curled leaves. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 75c.



GOLDEN TANKARD.

BROCCOLI.

SPARGELKOHLE, Gr. BROCOLI, Sp. CHOU BROCOLI, Fr. 1 oz. to 2,000 plants.

Taller and more hardy than Cauliflower, but otherwise very similar to that delicious vegetable. Culture and use are identical with that of Cauliflower.

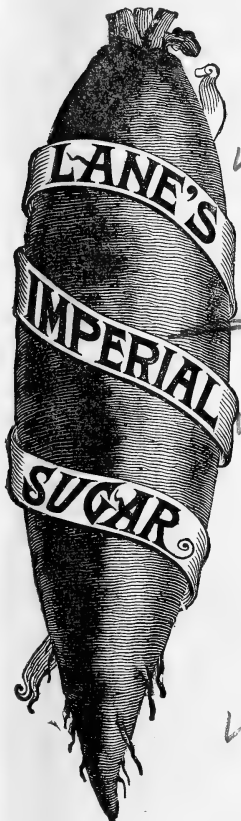
EARLY PURPLE CAPE. The best variety for our climate. Heads close and compact, of a violet or purple color, and of excellent quality. Pkt., 5c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00.

WHITE CAPE. Similar to above except in color which is a creamy tint. Pkt., 5c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00.

Brussels Sprouts. The plants grow two to three feet high, and produce miniature heads from the sides of the stalk. These heads, after they have been touched by frost, become very tender, boiled in the same way as Cauliflower. This vegetable is easily cultivated, comes into use after frost, and is not appreciated generally at its true worth. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 35c.; lb., \$1.35.



BRUSSELS SPROUTS.



SUGAR BEETS.

CABBAGE.

KOPF KOHL, Ger. C'BOU POMME, Fr.
1 oz. will produce 1,500 plants; ½ lb. to
transplant for an acre.

OUR CABBAGE SEED, grown under the care of practical, painstaking and reliable men; in localities where experience and thorough tests have proved the climate and soil to be the best adapted to their production in highest perfection; from fully developed, perfect heads, carefully cured and stored until time of planting; thoroughly tested as to vitality. Our seed can but give satisfaction, and we unhesitatingly recommend it for use of market or private gardener.



ALL HEAD EARLY.

CULTURE: For early summer use sow in hot-bed in February or March; before transplanting to the open ground they should be hardened off by exposing them gradually to the night air. For winter use sow in open ground in May or June—taking care in either case not to let the plants stand too closely, as this makes them "spindling." When five or six inches high, transplant in rows two feet apart one way, and 12 to 18 inches the other, according to variety, burying to the first leaf whatever the stem length. Hoe every week, drawing the earth up about the plants until they begin to head, then give thorough and final cultivation and leave to mature.

CABBAGE PLANTS. Ready about April 1st. For prices on these and other Vegetable Plants see end of Vegetable Seed List.

Extra Early Express.

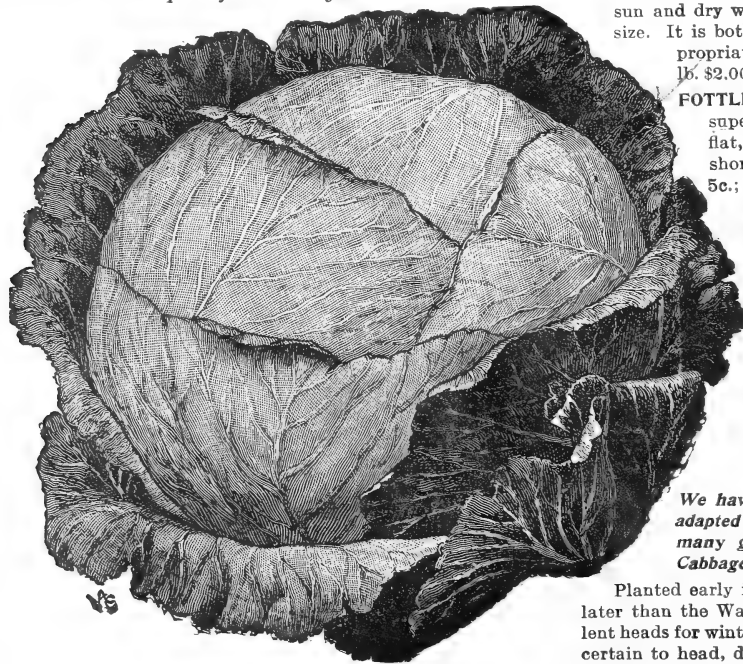
HEADS the list as the earliest Cabbage in cultivation, maturing in from 80 to 85 days from sowing the seed. It has but few outer leaves, almost every plant forms a small, conical head of a yellowish green color. In quality it is the best. Desirable for early market or home use. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.40.

EARLY JERSEY WAKEFIELD. SELECT STOCK..

Long recognized as the best earliest marketable Cabbage. Medium in size, in shape pyramidal with a pointed peak. Hardy plants can be wintered in cold frames. Is a reliable, certain header and one of the most profitable cabbages for the market gardener. Our strain of seed is of superior quality. Pkt., 5c; oz., 30c; ¼ lb. 85c; lb. \$3.00.

EARLY DWARF FLAT DUTCH. Second early. Rounded, solid heads of medium size, tender and fine grained. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

For the Cabbage worm, try "Slug Shot." See "Insecticides" in back part of this catalogue.



CHICAGO MARKET CABBAGE.

All Head Early.

The most profitable Early Cabbage for market gardeners. The best all-the-year round Cabbage for the home garden.

Heads flat, deep, and solid; firm and tender; valuable also for late; seeds sown in July and set out in August will make fine heads. Largely planted by market gardeners. Nearly 10,000 can be grown on an acre, and nearly every one will produce a head. Pkt., 5c; oz., 15c; ¼ lb., 75c; lb. \$2.50.

EARLY YORK. An old favorite in the family garden. Heads small, heart shaped and firm. Almost certain to head and is a good shipping sort. We carry it to meet occasional calls. Pkt., 5c; oz., 15c; ¼ lb. 40c; lb. \$1.25.

EARLY WINNINGSTADT. Well known and much esteemed. Heads large, conical; leaves bright, glossy green. Valuable not only for early use but for winter cabbage. Because of vigorous growth thrives even under unfavorable conditions. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb. \$1.50.

All Seasons.

Much grown by market gardeners and is also an excellent variety for home use. Remarkable for its ability to stand hot sun and dry weather. Makes solid, hard heads of large size. It is both an early and late variety, and is most appropriately named. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb. \$2.00.

FOTTLER'S BRUNSWICK, Short Stem. We have a superior strain of this seed which brings large flat, solid heads of excellent quality. Stem very short. A sure header and good shipper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

EARLY SUMMER. Comes in about ten days later than Wakefield, having much larger heads. They are of uniform size, somewhat flattened. Unexcelled for market garden and good for home use. Packet, 5c; oz., 25c; ¼ lb. 75c; lb. \$2.50.

Chicago Market Garden.

THIS valuable cabbage continues to give the utmost satisfaction not only to Chicago gardeners but in every locality in which it has been introduced.

We have yet to find a variety more thoroughly adapted to general culture and which combines so many good qualities as our "Chicago Market" Cabbage. It will surely please you.

Planted early it develops fine, large solid heads one week later than the Wakefield, while if set out later it makes excellent heads for winter use. It stands the hot sun well, is almost certain to head, does not crack and is an excellent keeper. Pkt., 5c; oz., 30c; ¼ lb. \$1.00; lb. \$3.50.

CABBAGE. MAIN CROP AND LATE SORTS.

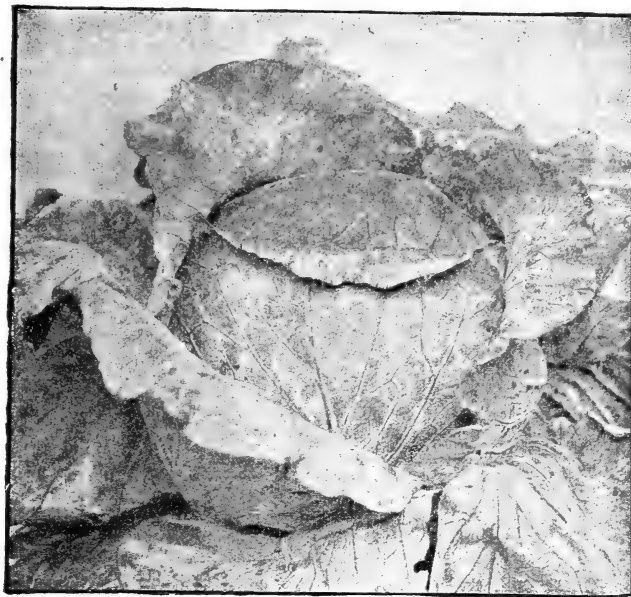
Danish Ballhead.

The best Cabbage for Early Spring Sales.

THIS entirely distinct variety comes from Denmark. It has been cultivated in America for five or six years and has proved a very desirable winter cabbage both on account of its uniformity in heading and from its **extremely hard, solid head**, which gives it *superior keeping* qualities. The heads are nearly round, almost as deep as they are wide. Color, blue green. The hard heads keep excellently when buried and present an attractive appearance when offered in the spring market. It has been thoroughly tested and may be relied upon to meet every claim made for it. Packet, 5c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.; lb., \$3.00.

VANDERGAW. Sent out by an expert eastern cabbage seed grower a few years ago. Its heads about the same time as Early Summer but is much larger and very solid. It is *undoubtedly one of the best for general cultivation*. A remarkably good keeper. Packet, 5c.; oz., 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

LUXEMBURG. This makes a *very hard head of good size*, extraordinary weight, and is remarkable for its keeping qualities. It is a grand sort for late spring sales, for after many kinds are gone it retains its bright green color. One of the most profitable to grow, gardeners invariably realize high prices for this variety. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 70c.; lb., \$2.50.

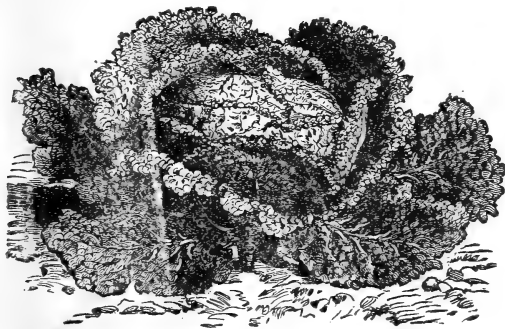


DANISH BALLHEAD CABBAGE.

Selected Late Flat Dutch.

WE know this to be as fine a strain as ever offered. It grows very large, is remarkably hardy, a sure header, uniform in shape, size and color. Few varieties can approach this for superior quality. Market gardeners grow this very extensively for a late crop. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

BRIDGEPORT DRUMHEAD. A leading Chicago variety for shipping and one of the most popular varieties in our markets. The large, solid heads and its non-liability to burst make it much in demand by market gardeners, some of whom will take no other seed. Packet, 5c.; oz., 30c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.



SAVOY CABBAGES.

AMERICAN DRUMHEAD SAVOY. The best of its class for home use or market. Heads large, *solid and compact*. Has rich, sweet flavor of the cauliflower when cooked. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.

EARLY DWARF ULM SAVOY. Heads medium size, round and solid; leaves deep green and finely wrinkled. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$2.00.

•• Surehead. ••

THIS famous Cabbage is most appropriately named, for it can be relied upon with certainty to head even under unfavorable circumstances. The heads are large, very hard, firm, fine in texture, and sweet flavored. It is a late variety, keeps well, is good for shipping and is a favorite sort with market gardeners and for home use. Packet, 5c.; oz., 20c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50.

PREMIUM LARGE LATE DRUMHEAD. Head enormous. Very hardy and desirable fall and winter variety; also a good shipper. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

LUPTON. This is a new Cabbage which is so highly spoken of we now add it to our list. It is a dark green in color, has a short stem and is *one of the best keepers*, coming out in the spring bright and fresh, a little earlier than Flat Dutch and Drumhead. We have some very choice seed. Pkt., 5c.; oz. 25c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.25

•• Autumn King. ••

THE large, broad heads are uniform in shape, hard and solid as a rock, fine grained and tender—more so than any other very large cabbage. Forming so few outer leaves it goes almost *all to head*. It is a rapid grower and does not require special culture to bring out its excellencies. Pkt., 5c.; 30c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

HOLLAND. The superior merit of this variety is the hard heading and long keeping quality. Heads medium size; white. If properly stored they will be found when taken up in spring to be in perfect condition. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

RED LEAVED CABBAGES.

MAMMOTH RED ROCK. By far the *best, largest and surest heading* red cabbage. Color, deep, rich red. *Many successful market gardeners choose this for their entire crop of red cabbage, pronouncing it the best of all*. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.75.

RED DUTCH. Heads large, round and solid; excellent for salad or pickling. A sure header and a good shipper. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb. \$1.75.

CARROT.

MOEHREN, Ger. CAROTTE, Fr.
1 oz. to 100 ft. of drill, 3 lbs. per acre.

able and profitable crop to grow for stock feed. We recommend to our farmer friends, Danvers Half Long, Long Orange and the White Belgian varieties as especially adapted for this purpose.

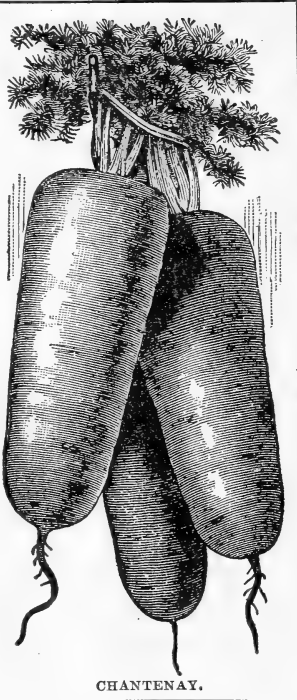
✓ **CHANTENAY.** For market gardeners and table use it is probably the best in shape and finest in quality of all. Flesh tender, deep orange color. This carrot yields enormously, is smooth, has a large shoulder and is easily harvested. Pkt., 5c.; oz., 10c.; ¼ lb. 25c.; lb. 75c.

✓ **EARLY SCARLET SHORT HORN.** Quite short, nearly round. Adapted for forcing for market and culture for early home use. Deep orange in color, flavor excellent. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb. 75c.

✓ **OXHEART OR GUERANDE.** In shape nearly oval, stump rooted. Color, rich orange. Quality for table use unexcelled. An enormous yielder. Many farmers use this sort for feeding stock. Packet, 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

✓ **DANVERS HALF LONG.** A smooth, well-formed carrot, which grows to a popular size and is suitable for all soils. Flesh, orange color. Very prolific, often yielding 20 to 30 tons per acre. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

✓ **SAINT VALLERY.** A new, large variety of an orange-red color. Smooth, broad at the shoulder, 10 to 12 inches long, tapering to a point. Excellent for table use and profitable for field culture. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 55c.



CHANTENAY.

CULTURE:—For early crops sow as soon as ground can be worked in drills one inch deep and one foot apart (3 feet apart for field culture) from middle of May until first of July, thinning four to eight inches, according to varieties. Keep your plants well cultivated. Under favorable conditions 600 bushels per acre is a fair crop.

The Carrot being enormously productive and of superior nutritive quality, is a desirable and profitable crop to grow for stock feed. We recommend to our farmer friends, Danvers Half Long, Long Orange and the White Belgian varieties as especially adapted for this purpose.

✓ **HALF LONG SCARLET NANTES.** An early stump-rooted variety that is valuable for table use. Flesh red, with very little core. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb. 75c.

✓ **BARNARD'S IMPROVED DANVERS.** Market Gardener's Special Strain. Very attractive in appearance, deep orange color, flesh sweet and tender with almost no core. A rapid grower and heavy cropper. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb. 90c.

✓ **IMPROVED LONG ORANGE.** Standard late sort; of good flavor and an excellent keeper. Roots 12 to 15 inches long; requires deep, rich soil on which it yields heavy crops. A good variety for the table and market purposes as well as to grow for stock. Pkt., 5c.; oz. 10c.; ¼ lb. 20c.; lb. 65c.

✓ **WHITE BELGIAN.** Grows largely above ground, making it easy to harvest. The lower part of the root is white, the upper part is green. This carrot is enormously productive, the roots attaining a surprising size. No up-to-date farmer should neglect putting in a plot of Stock Carrots. Pkt., 3c.; oz., 7c.; lb., 40c.

We recommend a treatise

CARROTS; How to Grow Them.

It is not only instructive but interesting reading. Sent postpaid for 30 cents.

CAULIFLOWER.

BLUMEN KOHL, Ger. CHOUFLEUR, Fr.
1 oz. will produce about 2,000 plants.

setting in open ground, and finally transplanted before the middle of April in rich, deeply-worked soil, 2 feet by 15 inches apart. Late sorts are sown and cultivated like late cabbage. When heading, tie the top leaves together to protect from exposure to the sun.

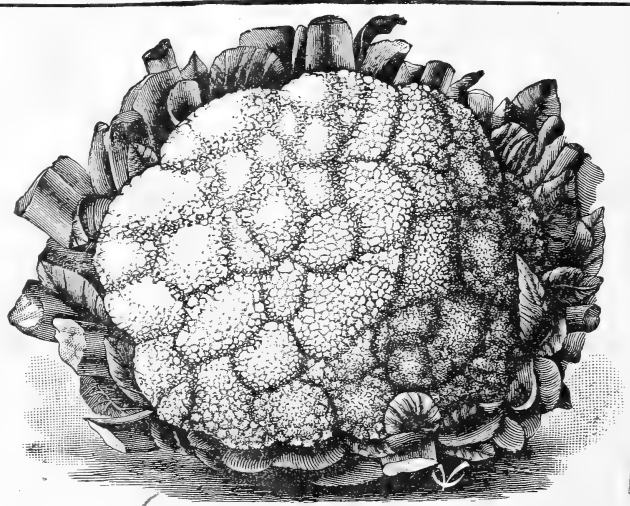
Selected Earliest Dwarf Erfurt.

✓ The *earliest* of the *earlies*. Very dwarf, small leaved; can be planted twenty inches apart and forced. Makes a fine, firm head, of snowy whiteness, tender and of delightful flavor. This is the highest quality and very best Erfurt seed, much superior to extra early. Pkt., 25c.; ¼ oz., \$1.50; ½ oz., \$2.50; oz., \$5.00.

EXTRA EARLY ERFURT.

✓ Where extreme earliness is not essential this will be found one of the best. Pkt., 10c.; ½ oz., \$1.15; oz., \$2.00; ¼ lb., \$6.50.

✓ **AUTUMN GIANT.** A late variety, vigorous habit. Large, handsome, white heads, well protected by foliage. Packet, 5c.; ½ oz., 30c.; oz., 50c.; ¼ lb., \$1.75.



✓ **Barnard's Early Snowball.**

THIS very superior strain is noted for producing *early plants of dwarf habit, short, compact growth, and uniform shape*. It is extremely hardy and one of the surest to make a solid head. For forcing under glass during winter and early spring and for planting later in open ground no strain of Snowball can surpass it. Pkt., 10c.; ½ oz., \$1.35; oz., \$2.50; ¼ lb., \$8.50.

Denmark.

✓ Best for early and general crops.

We again have the pleasure to offer genuine seed direct from headquarters of this superior Cauliflower. It has been tested over a wide stretch of the country and the most flattering reports continue to reach us regarding its worth. It forms *large, firm, fine grained heads* as white as snow. It may be used either for an early or late crop. Is sure to head and is certain to please. Packet, 10c.; oz., \$2.50; ¼ lb., \$8.00.

EXTRA EARLY PARIS.

Head of good size, white and compact. Early and desirable. Packet, 5c.; oz., 60c.; ¼ lb., \$2.00.

✓ **LARGE ERFURT.** A selected strain with large, solid white heads. For late planting. Pkt., 5c.; oz., 75c.; ¼ lb., \$2.50.

CELERY.

SELLERIE, GER. CELERI, FR.
1 ounce of seed for 2000 plants.

CELERY PLANTS. Ready about June 1st. For prices on these and other Vegetable Plants see end of Vegetable Seed List.

CELERY FOR PROFIT,

By T. GREINER. It tells how to dispense with nine-tenths of the labor generally thought necessary in celery growing, and how to make the business pay really big profits. This book is thoroughly complete in every detail, and is embellished with many helpful and original illustrations. 30 cts., Postpaid.

White Plume, selected.

THIS is a very popular early variety that for fall and early winter use is not surpassed. A desirable feature of this Celery is that *naturally*, its stalks and heart are white so that by closing the stalks by tying or by drawing the soil close about the plant and pressing it together with the hands, the blanching is completed. It is the *earliest* Celery in cultivation, but will not keep longer than the holiday season. Pkt., 5c.; oz., 15c.; lb., \$2.00.

CRAWFORD'S HALF DWARF. A white variety, intermediate in size, crisp and nutty. A favorite with market gardeners. Pkt., 5c.; oz., 15c.; lb., \$2.00.

GIANT WHITE SOLID. The best large variety. Fine for market as well as family garden. Pkt., 5c.; oz., 15c.; lb., \$1.50.

BOSTON MARKET. A medium sized, hard, crisp and delightfully flavored white variety. Pkt., 5c.; oz., 15c.; lb., \$1.50.

DWARF GOLDEN HEART. In the leading Celery-growing districts this is extensively grown. It is a distinct and handsome sort. When bleached the heart is golden yellow, solid, showy and attractive. Of excellent flavor and one of the best keepers during the winter. Pkt., 5c.; oz., 15c.; lb., \$1.50.

Evans' Triumph.

The best late Celery.

THIS new Celery is of *superb* quality and one of the best keepers, remaining in condition for use much longer than most sorts. The very large solid stalks are of the finest quality and texture, *crisp, brittle, tender and really nutty in flavor*. It stands at the head of all late keeping Celeries. Pkt., 5c.; oz., 30c.; lb., \$3.00.



CELERICAC.

CULTURE—Celery can be successfully grown with but little labor, in any good garden soil, by using plenty of well rotted manure with a liberal sprinkling of coarse salt worked into it, and this mixture should be put into the trenches, working it well into the soil, at least two weeks before the plants are transplanted into them. It delights, however, in low, moist, rich bottom land, or well-drained muck-soil. It is usually grown as a second crop.

By T. GREINER. It tells how to dispense with nine-tenths of the labor generally thought necessary in celery growing, and how to make the business pay really big profits. This book is thoroughly complete in every detail, and is embellished with many helpful and original illustrations. 30 cts., Postpaid.

Perfection Heartwell.

A STANDARD sort and one of the best of the white varieties. The stalks are of good size, vigorous growth, very solid and never hollow; crisp, tender and of exceedingly fine, nutty flavor. Some of our largest growers, who have tried

other sorts extensively choose the "Perfection," for the main crop, as there is no other strain which equals it for storing, and few which approach it in quality and beauty. Pkt., 5c.; oz., 15c.; lb., \$1.75.

GIANT GOLDEN HEART. A selection from Dwarf Golden Heart. The quality is grand, by some considered better than in the original variety; large size, beautiful color, crisp and deliciously flavored. One of the best celeries for market, and also desirable for home use. Pkt., 10c.; oz., 30c.; lb., \$3.00.

GIANT PASCAL. A selection from the famous Golden Self-blanching. It produces broad and thick, solid stalks of handsome appearance, which are entirely stringless, crisp and tender, and of a delicious, nutty flavor, and is absolutely free from any bitter taste. It requires but little earthing up, bleaches rapidly. It is a good keeper and for January and February use is undoubtedly unexcelled. It is a good shipping variety, free from rust or rot. Pkt., 5c.; oz., 20c.; lb., \$1.75.

NEW ROSE. The red Celeries far surpass the white and yellow in flavor and keeping qualities and the color feature renders them attractive for table decoration. We offer this as the choicest red variety. It is hardy, crisp, nutty, and one calculated to win the favor of all. Pkt., 5c.; oz., 20c.; lb., \$1.75.

OLD CELERY SEED. Used in flavoring soups, pickles, etc. ¼ lb., 10c.; lb., 35c.

Golden Self-Blanching.

THE best celery in cultivation and the most profitable for market and family use. The handsome appearance and straight, strong stalks of this celery are well brought out in the illustration. The heart is large, solid, golden yellow in color and of delicious flavor. It will turn at maturity to a yellowish white without banking, but like all other celeries is improved by having some dirt brought up to the stalks. Pkt., 5c.; oz., 25c.; lb., \$2.50.

CELERICAC,

or TURNIP ROOTED CELERY.—A variety of celery having turnip or apple-shaped roots which may be cooked, sliced, and used with vinegar, making an excellent salad. It is cultivated like celery, little or no earthing being required. Ready for use in October. One ounce for 50 feet of row.

BARNARD'S GIANT. Very large roots. Flesh white, with a stronger and sweeter flavor than other varieties. Pkt., 10c.; oz., 35c.; lb., \$5.00.

LARGE, SMOOTH PRAGUE. One of the best. Roots smooth, almost round. An excellent keeper. Pkt., 5c.; oz., 15c.; lb., \$1.25.

EXTRA LARGE ERFURT. Much prized by German gardeners. Pkt., 5c.; oz., 15c.; lb., \$1.25.

APPLE SHAPED. A new and improved sort, that keeps admirably. Pkt., 3c.; oz., 15c.; lb., \$1.25.

I think the seeds we get of you are the best I have purchased from any firm. You send the best and most seed for the money.

WASHTENAW CO., MICH.

MRS. GEO. BAHNMILLER.

...CHICORY...

1 ounce for 100 ft. of drill.

Sow in light, rich soil in early spring in drills half an inch deep in rows one foot apart. Cultivate like Carrots. The roots are fleshy, and when dried and ground are mixed with or used as a substitute for coffee. The young leaves are used as salad and are preferred by some even to the Dandelion.

LARGE RED MAGDEBURG. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

CHIVES.

Chives belong to the Onion

tribe. They are cultivated for their tops which are used for flavoring. The clumps we offer, planted in ordinary garden soil, soon increase so that the tops can be cut during the season as required. 1 or 2 clumps are sufficient for a family garden. Clumps, 10c; by mail or express prepaid, 25c.

CHUFAS or Earth Almonds.

See page of Miscellaneous Seeds.

CORN, SWEET or SUGAR.

WELSCHKORN, Ger. MAIS, Fr.

1 qt. for 200 hills. 1 peck for an acre in hills.

All varieties may either be sown in rows 3½ feet apart, placing the kernels one foot apart in the row, or planted in hills at a distance of 3 to 4 feet each way. The richer the soil and the taller the variety, the greater should be the distance between the hills. The first planting may be made about May 15th. For succession, plant every two weeks until August.

MAMMOTH WHITE CORY.

The Largest and Best EXTRA EARLY Sweet Corn.

A DECIDED and marked improvement on the White Cob Cory. The ears are twelve instead of eight-rowed, very much larger and free from the open space which is such an objectionable feature of the original sort. The grain is white, the quality is good, and the beauty and size of the ears gives this variety ready sale in all markets. Packet, 5c; pint, 20c; quart, 40c; pk., \$1.00; bu., \$3.75.

EARLY CORY (RED COB). Recognized throughout the United States as the standard early Sweet Corn. Ears eight-rowed, with red cob and broad light pink grains. A profitable sort to grow for early market. Pkt., 5c; pt., 20c; qt., 35c; pk., 85c; bu., 3.00.

EXTRA EARLY ADAMS. This is really a field corn, but a very tender variety for table use. It can be planted earlier than any Sweet Corn. Ripens within sixty days. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.



UPLAND CRESS.

CORN SALAD or FETTICUS.

1 oz. to 35 feet of row.

It is used during the winter and early spring months as a substitute for Lettuce. Cooked and served same as Spinach.

Seed may be sown in August or September, in shallow drills, and protected in cold sections by leaves or straw during the winter. Cultivate the same as Lettuce, thinning 3 or 4 inches apart.

LARGE LEAVED. Pkt., 3c; oz., 7c; ¼ lb., 20c; lb., 60c

CRESS or PEPPER GRASS.

KRESSE, Ger. CRESSON, Fr.

A well-known pungent salad. It can be eaten alone or with lettuce. Requires to be sown thickly in shallow drills at frequent intervals, say two weeks apart, to keep up succession as it soon goes to seed. Should be cut when quite young.

DOUBLE CURLED. For salad or garnishing. May be cut two or three times. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

UPLAND CRESS. This is a hardy perennial which remains green almost the entire year. It is ready for use before any other Salad in the spring. It has the flavor of Water Cress. Pkt., 10c.

WATER CRESS.

Can be grown in moist places fairly well, and easily where there is a supply of fresh water—on the margin of ponds, creeks, etc. It has perennial roots and increases rapidly by self-sown seeds and extension of the roots. It has a pungent flavor. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Please note that prices quoted for pints and quarts are postage paid by us. If ordered by express deduct at rate of 10 cents per quart. One-half pints furnished at pint rates.

EARLY MINNESOTA. An old but most excellent variety both for market and home use. Ears fair size and uniform, eight rowed, kernels tender and sweet; color white. Nearly as early as Cory. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

CROSBY'S EARLY SUGAR. This is extensively grown for canning. Ears short, twelve or more rowed, grain thick and sweet. Comes in three or four days later than Minnesota. Packet, 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

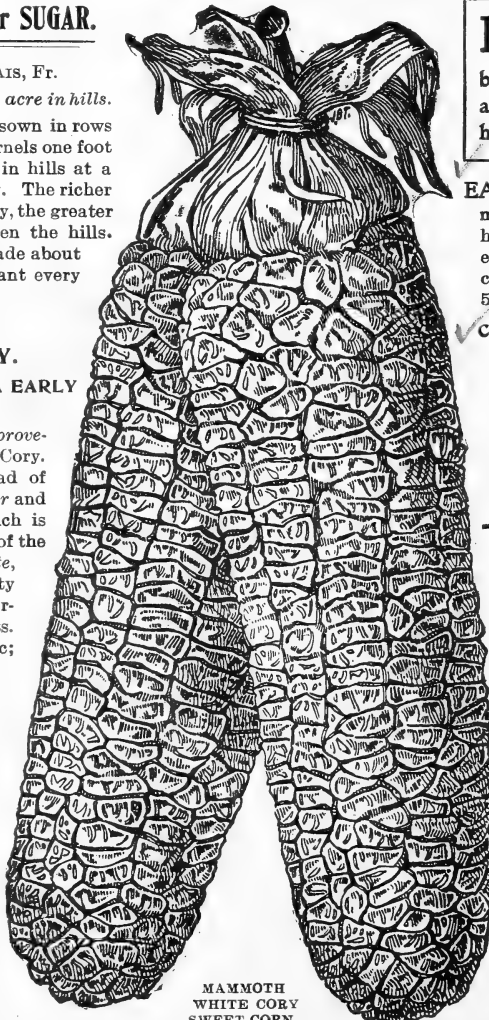
Country Gentleman.

The Finest Sweet Corn for Private Use.

THE great merit of this Corn is its fine quality, being of fine, rich flavor, remarkably sweet and tender. Where quality is preferred to size, it has no equal. Ears of fair size, three to five to a stalk, cob small. Kernels pure white and long. We cannot speak of it too highly as the Sweet Corn to plant for home use. Ripens about same time as Stowell's Evergreen. Packet, 5c; pt., 15c; qt., 30c; pk., 80c; bu., \$3.00.

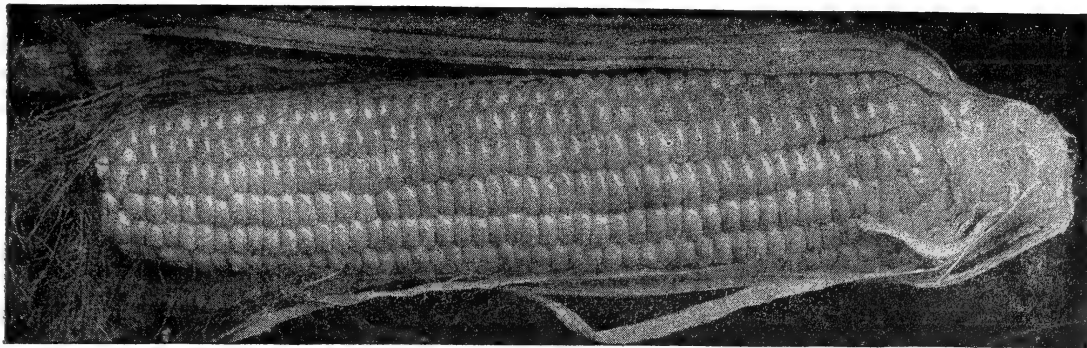
STOWELL'S EVERGREEN.

More extensively planted than any other sort, being the general favorite with market gardeners and canners for late use. If planted at the same time with earlier kinds it will keep the table supplied until October. Ears are of good size, grain deep, tender and sugary, remaining a long time in condition for cooking. Pkt., 5c; pt., 15c; qt., 25c; pk., 75c; bu., \$2.50.



MAMMOTH WHITE CORY SWEET CORN.

SWEET CORN.—Continued.



AN EAR OF EARLY CHAMPION, PHOTOGRAPHED GREEN WHEN READY FOR BOILING.

EARLY CHAMPION.

The Earliest LARGE Sweet Corn.

PRODUCES ears ten inches long in 60 days. Comes in immediately after the small eared early sorts. It has a medium size, white cob, kernels pure white, very sweet, tender and full of milk; yields three to four ears to the stalk. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$3.00.

OLD COLONY. An old variety that is hard to beat. Ripens a little ahead of Stowell's Evergreen. Stalks grow tall and carry usually two large ears, sixteen rowed. The grain is deep, rich and sweet; cob white. A valuable market sort and one of the best for canners. Pkt., 5c; pt., 15c; qt., 30c; pk., 70c; bu., \$2.50.

PERRY'S HYBRID. Nearly as early as Minnesota with larger ears, twelve to fourteen rowed, averaging two ears to a stalk. Kernels large, cooking white and tender. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

MOORE'S EARLY CONCORD. Medium early; 12 to 16 rowed. Ears large and well filled. Good to follow Crosby. Pkt., 5c; pt., 15c; qt., 25c; pk., 75c; bu., \$2.75.

Chicago Market.

A Money Maker for the Market Gardener.

OUR local market gardeners consider this one of the most profitable varieties to plant, some of them use no other.

It has many good points to commend it, chief among which are *earliness*, *large size*, *fine appearance* (being well formed), *great productiveness*, two to three ears on a stalk, and *superior table quality*. It is twelve rowed, cob white, a stout, stocky grower, and is equally valuable for the home gardener as the trucker. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

HICKOX. A week to ten days earlier than Evergreen. Makes a large ear of white and handsome grain on a white cob. Remains in condition a long time. The best sort for drying and canning. Pkt., 5c; pt., 15c; qt., 25c; pk., 75c; bu., \$2.75.

BLACK MEXICAN. Although the ripe grain is black or blue-black in color, the corn when in condition for table cooks almost white. It is very sweet and tender. Once tried in the family garden it is sure to be continued. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.



ZIG ZAG EVERGREEN.

THIS illustration (taken from a photograph of a dried ear) gives a better idea of its characteristics than can be described. Hitherto Stowell's Evergreen has been the standard and favorite late corn, but it must now take its second place. Zig Zag is sweeter, has larger ears, is much more productive (yielding 2 to 4 ears to the stalk) and remains fit for use longer than Stowell's or any other variety. For canning factories it is unequalled. Private planters and market gardeners who once try this will use no other late variety, for, beyond all doubt, it is the best large eared late Sweet Corn produced up to the present time. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

MAMMOTH SUGAR. Ripens a little later than Evergreen. Large ears. Kernels flat. Largely used by canners and market gardeners. Pkt., 5c; pt., 15c; qt., 30c; pk., 75c; bu., \$2.75.

EGYPTIAN, or Washington Market. This matures very late. Invaluable for canning, ears large, twelve to fifteen rowed, grain is sweet and tender. Pkt., 5c; pt., 15c; qt., 25c; pk., 75c; bu., \$2.75.

Please remember our prices on Sweet Corn by the pint and quart include prepayment of postage by us. Customers ordering Sweet Corn to be sent by freight or express can deduct at rate of 10 cents per quart from prices named.

POP CORN. The boys will thank you to order some for them to plant. We have seed that is very choice. It pops large and white. Pkt., 5c; ¼ lb., 20c; lb., 30c.

FIELD CORN and SWEET CORN for Fodder.

For prices and description see

pages 49 and 50.

**SLUG SHOT
KILLS
THE BUGS.**

CUCUMBER.

GUERKEN, Ger. PEPINO, Sp. CONCOMBRE, Fr.
1 oz. for 50 hills; 3 lbs. in hills per acre.

**SLUG SHOT
KILLS
THE BUGS.**

THE Cucumber is a tender annual and should never be planted in open ground until settled weather arrives, for general crop about the middle of May. For pickles, plant in June or to about the middle of July. By far the best results are obtained from plantings in warm, rich sandy loam. Prepare hills 4 feet apart each way, and mix with the soil of each a shovel full of well rotted compost. Sow thickly, and when all danger of insects is past, ("Slug Shot" is sure death to the striped cucumber beetle), thin out all but three or four of the stockiest vines in each hill. As the cucumbers attain sufficient size, both the perfect and the imperfect specimens should be picked at once, as fruit left upon the vines to ripen soon destroys their vitality, and consequently their productiveness.

SIBERIAN.

Very early, at least a week ahead of Early Russian. Of quick, short growth, fruit small, green, just the size so much esteemed for table pickles. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

COOL AND CRISP. As a Cucumber for slicing we know of none better. Long and slim, pointed at the ends, very dark green, almost black. One of the earliest. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EXTRA EARLY GREEN PROLIFIC. Matures fully ten days earlier than the well-known Green Prolific. Market gardeners will find it very advantageous to plant this strain. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

EARLY FRAME. An old and popular variety, bearing fruit of good size, straight and well formed. Desirable for pickles. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

EARLY GREEN CLUSTER.

Hardy and vigorous bearing fruit in clusters near the root. Desirable for table use. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EARLY RUSSIAN. For small pickles this is a good sort to cultivate. Grows about 4 inches long and is very hardy. Pkt. 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

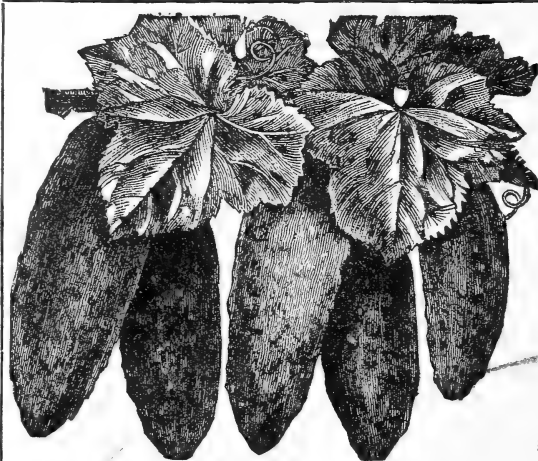
Arlington White Spine.

THIS is a favorite market variety, largely used for forcing as well as for out-door cultivation. It is early, of good size, always straight and smooth, and very prolific. Color dark green, never turns yellow, and excels in crispness and fine flavor. Pkt. 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 70c.

NICHOL'S MEDIUM GREEN. Is good for early forcing, and for slicing and pickles. Color, dark green, flesh crisp and tender. Some pickle growers think this is the best variety for the purpose. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c. lb., 60c.

GREEN PROLIFIC. Great bearer of medium sized fruit that is excellent for slicing as well as for pickling. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

GUERKIN or BURR. From the West Indies. A very small oval sort, grown exclusively for pickles. Prolific to an extraordinary degree. Seeds are slow to germinate. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c.



WESTERFIELD'S CHICAGO PICKLE.

THIS is now recognized all over the country as the BEST Cucumber for pickles. It is valuable for slicing also, being of fine flavor. The fruit is of medium length, pointed at both ends, coarsely prickled; color dark green. Our Chicago pickle factories use this variety to a large extent. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

deep green color in all stages of growth. Fruit is quite long, smooth and handsome. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

IMPROVED LONG GREEN. Long and smooth. One of the very best for sweet pickles. Firm and crisp with very few seeds. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

BISMARCK.

One of the best to grow under glass. Fruit long, slender, dark green; flesh crisp and tender, excellent either for pickles or slicing. We have genuine seed of this desirable cucumber.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 70c.

EVERBEARING. Small size; very early and continues to produce fruit until killed by frost. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

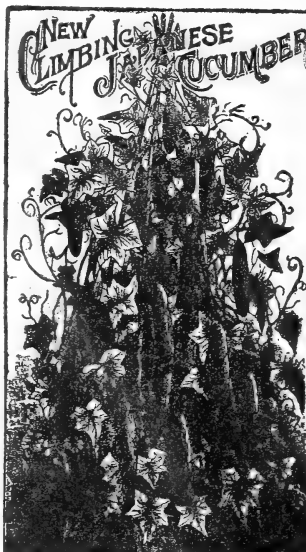
WHITE WONDER. Color, ivory white, skin thin but tough, flesh solid and of fine flavor. Grows about 8 inches long. Unexcelled for use of the family table. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

IMPROVED WHITE SPINE.

The well-known standard variety for table use, either sliced or in pickles. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

EVERGREEN WHITE SPINE.

An excellent early shipping sort. It always remains a deep green color in all stages of growth. Fruit is quite long, smooth and handsome. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.



Japanese Climbing Cucumber.

This new Cucumber is a strong and vigorous grower, the vines attaining nearly twice the length of common varieties. The young plants are bushy, but as soon as they become well established they begin to climb, and may be grown on fences, poles or trellises, thus saving much valuable space in small gardens or where land is expensive. It is estimated that with this Cucumber the product of a given area can be increased three-fold. The fruits are ten to twelve inches in length, of a fine green color; the flesh is thick and firm, never bitter, and fine for pickling, as well as slicing. It is very prolific, the vines are proof against mildew, and continue bearing until late in the fall. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.

For Frames and Forcing.

Sow the seeds in small pots early in the year.

TELEGRAPH. Fruit grows about 18 inches in length. Light green, smooth skin. An abundant cropper. Pkt., (25 seeds,) 25c.

EGG PLANT.

EIERPFLANZE, Ger. AUBERGINE, Fr.

1 oz. for 1,000 plants. For price on plants see vegetable plant list.

Any good garden soil will answer, provided it be in a sheltered position and be well cultivated. Sow in hot-bed in March; when two inches high, transplant into a second bed or thin to 4 inches apart. Plant in open ground at commencement of summer weather, setting out in rows 2½ feet apart each way. Carefully protect from intense sun, drought, weeds and potato bugs. Throughout its growth take every precaution to avoid chilling. Use *Slug Shot* if you notice potato bugs on your egg plants.

NEW YORK IMPROVED PURPLE. This is known by market men everywhere. Fruit spineless; large, oval; skin purple, flesh white, quality excellent. Pkt., 5c; oz., 30c; ¼ lb., 75c; lb., \$2.75.

BLACK PEKIN. Very early; fruit nearly round, skin smooth, dark and glossy; flesh white and fine-grained. Pkt., 5c; oz., 30c; ¼ lb., 75c; lb., \$2.75.

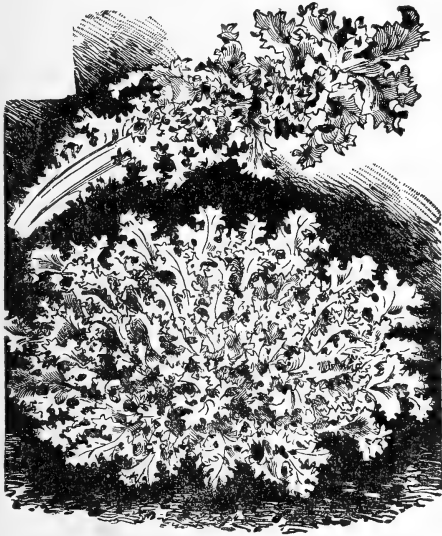
EARLY LONG PURPLE. Hardier than other sorts; does well almost anywhere; fruit long and dark purple in color. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.50.

ENDIVE.

ENDIVIE, Ger. CHICOREE, Fr.

1 oz. will sow 150 feet of drill.

Its leaves, when properly blanched, make a tender and delicious salad for fall and winter use. Should be sown in July. When the leaves are eight to ten inches long, tie the tops together to blanch the heart and remove the bitter taste. Lift late in fall with a ball of earth attached and place close together in a frame or cellar.



GREEN MOSS CURLED ENDIVE.

GREEN MOSS CURLED. A unique variety, somewhat resembling a tuft of moss. Very crisp, tender and of good flavor. Being less hardy than other sorts, it requires protection from cold. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

BROAD-LEAVED BATAVIAN. Has slightly wrinkled, thick leaves. These, when blanched, make a delicious summer salad. It is usually grown for use in soups and stews. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

GARLIC.

KNOBLAUCH, Ger. AIL, Fr.

1 lb. to 10 ft. drill.

A bulbous-rooted perennial, much valued for flavoring soups, stews, etc. It thrives best in a light, well-enriched soil. The root or bulb is composed of many small bulbs called "cloves," which are planted in the spring, six or eight inches apart. In August the tops die down, when the bulbs are ready to gather. Cultivate and store, same as onions. Fine bulbs, ¼ lb., 15c; lb., 30c., postpaid.



SAGE.

SWEET MARJORAM.

SUMMER SAVORY.

HERBS—Pot, Sweet and Medicinal . . .

Herbs in general delight in a rich, mellow soil. Sow the seeds early in spring in shallow drills, one foot apart; when up a few inches thin out to proper distance or transplant. Care should be taken to harvest them properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack close in bottles or dry boxes to exclude air entirely.

Varieties marked with an * are perennials.

	Pkt.	Oz.
Anise. Used for seasoning and garnishing	5	10
*Balm. For cooking purposes	5	25
Borage. Leaves are used as a salad	5	15
*Caraway. Seeds used medicinally and in bread	5	10
Coriander. Seeds used for flavoring	5	10
Dill. Leaves used with pickles, seeds for flavoring soups and vinegar ¼ lb., 20c; lb., 60c;	5	10
Fennel. Seeds for flavoring; leaves for garnishing	5	10
*Horehound. Has medicinal qualities	5	20
*Lavender. Its flowers are used in the manufacture of oil and distilled water	5	15
Marjoram, Sweet. Used for seasoning	5	10
*Pennyroyal. For medicinal purposes	10	
Rosemary. Leaves used for seasoning	5	20
Saffron. Used for coloring	5	15
Sage. Leaves are used in stuffing and sauces	5	15
Savory, Summer. Used for seasoning	5	10
*Thyme. For seasoning	5	30
*Wormwood. Has medicinal properties	5	15

We can supply any of above in larger quantities.

KALE. See Borecole.

HORSE RADISH. This is not reproduced from seed, but planting pieces of roots called "sets." These, planted small end down about two inches below the surface, will produce radish in one season. As it increases very rapidly, any out of the way location in the garden should be chosen. Small roots, doz., 25c; 100, 75c, by mail, postpaid. Write for special price in large quantities.

KOHL RABI. TURNIP ROOTED CABBAGE.

KOHLRABI, Ger.

CHOU-RAVE, Fr.

1 oz. to 2,000 plants.

WHITE SHORT LEAVED. Much superior to Vienna. It is very early and the best for forcing as well as for outdoor culture. Bulb is greenish-white, smooth, of finest texture and quality. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

EARLY WHITE VIENNA. Early; small, white bulb. Best for table use. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.60.

EARLY PURPLE VIENNA. A little later than the white; color purple. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25.

LEEK.

LAUCH, Ger.

POIREAU, Fr.

1 oz. to 150 ft. of drill.

LARGE AMERICAN FLAG. This is the sort chiefly grown by market gardeners. It is of excellent quality, mild flavor and uniform. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.25.

MUSSELBURG. (Scotch Champion.) Large and broad leaves. Flavor mild and pleasant. A good Leek. Pkt., 5c; oz., 15c; ¼ lb. 50c; lb. \$1.50.

MONSTROUS CARENTAN. The largest variety, often three inches in diameter, and becoming very white and tender. A very hardy and desirable sort, which is worthy of more extended cultivation. Pkt. 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

LETTUCE.

LATTICH, Ger. LAITUE, Fr.
1 ounce will sow 150 feet of drill.

Lettuce in preference to the loose-leaved varieties; they are finer flavored, more solid, tender and crisp, and usually without a trace of the bitter flavor occasionally noticeable in the loose-leaved sorts.

...CURLED OR LOOSE-LEAVED LETTUCE...

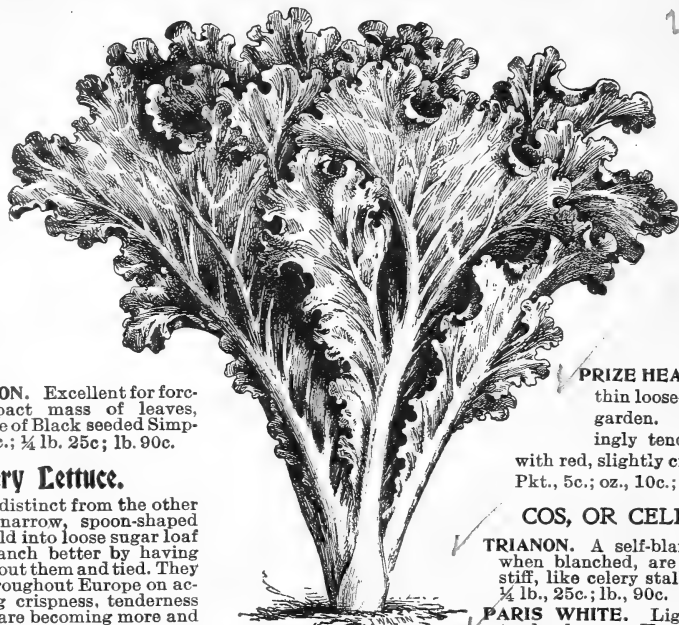
Grand Rapids.

FOR greenhouse forcing this fine Lettuce deservedly stands at the head of the list. It matures quickly, is little liable to rot, and keeps without wilting when exposed for sale longer than any other forcing sort. Forms a loose head of yellowish green leaves. It is also a desirable variety to sow in the open ground in early spring. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb. 90c.

EARLY CURLED SIMPSON. Excellent for forcing. It forms a compact mass of leaves, more curled than those of Black seeded Simpson. Pkt., 5c; oz., 10c; ¼ lb. 25c; lb. 90c.

Cos, or Celery Lettuce.

The Cos Lettuces are distinct from the other sorts, in having long, narrow, spoon-shaped leaves, which usually fold into loose sugar loaf shaped heads, which blanch better by having the outer leaves drawn about them and tied. They are justly celebrated throughout Europe on account of their exceeding crispness, tenderness and delicate flavor, and are becoming more and more popular in this country as they become better known.



GRAND RAPIDS FORCING.

Black Seeded Simpson.

IN Chicago and throughout the West in general this is the favorite with market gardeners and is unexcelled for the private garden. Its leaves are lighter in color than Curled Simpson; they are nearly white, thin, crisp and tender. Packet, 5c; oz., 10c; ¼ lb., 25c. lb., 90c.

PRIZE HEAD. One of the best, large, thin loose-leaved sorts for the home garden. The leaves are exceedingly tender, bright green, tinged with red, slightly crimped, crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb. 90c.

COS, OR CELERY LETTUCE.

TRIANON. A self-blanching sort. The leaves when blanched, are crisp and tender and stiff, like celery stalks. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

PARIS WHITE. Light colored, very brittle, tender leaves. Head elongated and conical. Pkt., 5c; oz., 10c; ¼ lb. 25c; lb., 90c.

...HEAD OR CABBAGE LETTUCE...

Lettuce fresh and crisp from the garden is most enjoyable. We earnestly advise all who have a little plot of ground to grow their own Lettuce using some of the following:

Denver Market.

AN early variety either for forcing or the open ground. It forms large, solid heads of a light green color and is slow to run to seed. The leaves are beautifully marked and blistered (like the Savoy cabbages), are very crisp, tender and of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

WHITE SEEDED TENNIS BALL or Boston Market. A fine, early sort; small, white, crisp leaves. Being hardy is grown in cold frames in winter. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

BLACK SEEDED TENNIS BALL. For forcing under glass or early planting out-doors, this is one of the best. Leaves thick, dark green, forming very solid heads. Packet, 5c; oz., 10c; ¼ lb. 25c; lb. 90c.

Hanson. For out-door culture there are none more reliable than this. In rich ground, well cultivated, the heads grow to resemble small cabbages. Outer leaves green, white within, having no better taste. Packet, 5c; oz., 10c; ¼ lb., 25c; lb. 90c.

CALIFORNIA CREAM BUTTER. A summer lettuce whose rich cream-yellow leaves are most refreshing in appearance and rich and buttery to the taste. The heads are of good size, round and solid, and slow to go to seed. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

BIG BOSTON. Sure to be wanted by all. It makes large, solid heads at all seasons and is crisp and tender in quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

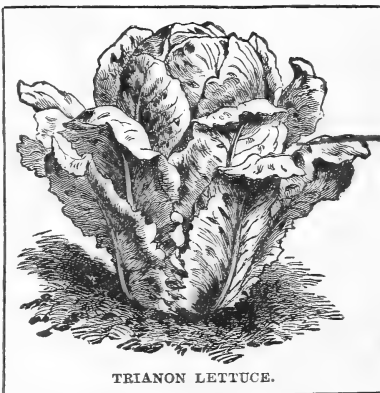
Tilton's White Star.

A Great Favorite with Market Gardeners.

SUPERIOR for forcing as well as out-door planting; splendid shipper. Forms enormously large heads; leaves bright green, thick and crisp. This variety retains its fresh appearance longer than many other varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb. 90c.

SALAMANDER. Heads large, compact, light green, with white center. Invaluable to market gardeners, because of its remaining a long time in head, and also on account of its resistance to both drought and heat. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb. 90c.

YELLOW SEEDED BUTTER. A valuable variety for late spring or summer planting, as it will stand the heat better than most sorts, and is slow to go to seed. Its large, solid, yellow heads are very crisp and tender, and of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.



TRIANON LETTUCE.

ST. LOUIS HEAD. Considered the best head lettuce to force under glass and for early planting out of doors. A favorite with the St. Louis market gardeners as well as those of other cities. Forms medium sized heads, compact and solid. Leaves thick, rich and nutty in flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

ALL THE YEAR ROUND. A hardy lettuce. Leaves crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb. 90c.

MUSK MELON.

MELONE, Ger. MELON, Fr.

1 ounce to 60 hills; 2 to 3 lbs. per acre in hills.

well up and all danger from bugs has passed, thin gradually, leaving finally 2 or 3 of the stockiest vines to hill. Should the growth prove too luxuriant, pinch off the end of the vines when about 3 feet in length. Should the fruit set too thickly, thin when young, in order to increase the size and the quality of the remaining melons. This also hastens ripening.

Ashes or lime is excellent to sift over the young plants to prevent the attack of insects. Use *Slug Shot* to kill them.

EXTRA EARLY HACKENSACK. Ripens fully *ten days* ahead of the old Hackensack, which it much resembles. Being a good shipper it is largely grown at the South and sent to Northern markets. Fruit large, round and deeply netted. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

NETTED GEM. One of the earliest and the best *SMALL green-fleshed melon in cultivation.* It is grown for shipping in baskets to almost every market in the country. The fruit, while not large, is remarkably uniform in size, globular in shape, skin light green and deeply netted. In flavor it is most delicious. *Truly a gem.* Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

LONG ISLAND BEAUTY.

A new variety of the Hackensack type, originated on Long Island. It possesses so many advantages over that well-known sort that it is destined to supersede it. The skin is densely netted. In form it resembles the Hackensack but is more ribbed and of handsome appearance. Besides its *superior quality* it has also *earliness* to commend it for approval. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

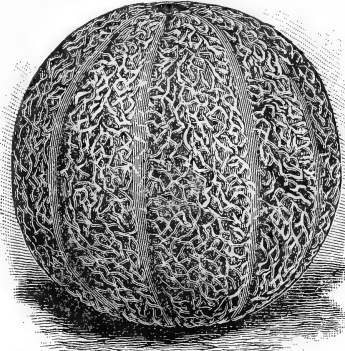
MONTREAL MARKET. To all who wish to raise the most beautiful melons for exhibition, or extra large fruit for the market we recommend this variety. Very authentic reports are recorded of these melons having been grown to the weight of *nearly forty pounds each.* In Canada, where they are chiefly grown under glass, twenty-pound melons are common. Fruit is almost round, flattened at both ends, deeply ribbed and netted; skin green. Flesh *very thick*, light green, and of delicious flavor. It is a sure and heavy yielder. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

IMPROVED GREEN NUTMEG. A large melon, nearly round. Flesh greenish yellow and of delicate flavor. The seed we offer is most carefully selected and we know it will give satisfaction. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

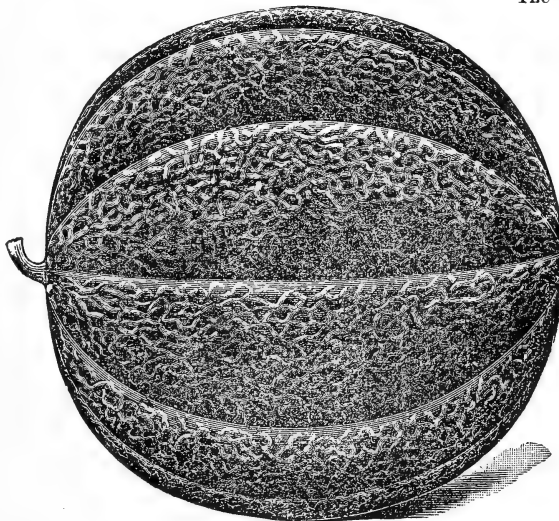
PINK ROSE. A valuable melon for shipping in baskets. Fruit about five inches in diameter, nearly round. Solid with very small seed cavity. Flesh salmon color and of good quality.

Pkt. 5c; oz., 10c; ¼ lb. 25c; lb. 85c.

Musk melons thrive best in a warm, rich, sandy loam. After thorough spading or plowing, make hills 6 feet apart each way and mix with the soil of each two shovelfuls of well-rotted compost. The hills should be 18 inches in diameter, 15 inches in depth, and raised about 3 inches above the surface of the land. As soon as warm weather becomes established, plant 12 to 15 seeds in a hill. When plants are



NETTED GEM.



TIP TOP.



NEW LONG ISLAND BEAUTY MELON.

CHICAGO MARKET.

This exceedingly valuable nutmeg variety, originated as a result of careful selection, with one of Chicago's most successful market gardeners and melon growers. It continues to hold the highest place in the estimation of market men, holding its own year after year against all comers. It matures early, ripens evenly, and is of uniform size. The fruit is large, nearly round in form, and flattened at the ends. Flesh thick and of most delightful flavor. It is a green fleshed variety, and in good demand among the Chicago hotels. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

Champion Market.

The flesh is thick, light green in color, and of rich, sweet flavor, well maintaining the promise of quality that is indicated by the deep ribs, heavy netting and handsome appearance. The melons are of the same form and outer appearance as Netted Gem, but are *three times the size.* It is early and *very productive*, frequently bearing seven perfect melons on a single vine. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

ROCKY FORD. A new and valuable melon which, within a very short time, has attained national fame for dainty appearance, excellent quality, and delicacy of flavor. It is of the Netted Gem Type, oval in shape, averaging four in. in length. Flesh has a delightful aroma, is juicy and rich, color greenish white. Nearly all prominent hotels.

east and west, now include the Rocky Ford melon in their bill of fare. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

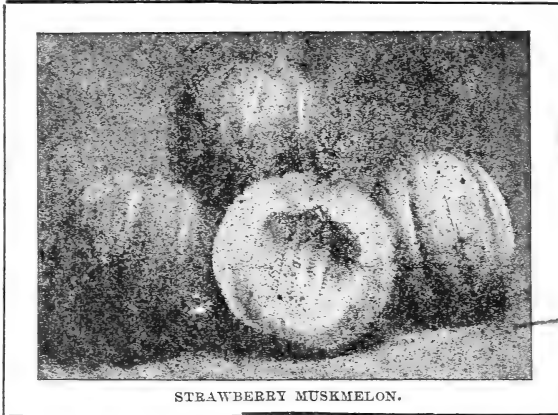
TIP TOP. There is a distinctness about this melon which readily enables any one to select it in a group. The universal testimony of every one cultivating the Tip Top is, that every fruit produced, whether big or little, early or late in the season, is a good one—*sweet, juicy, fine flavor, firm, but not hard fleshed, eatable to the very outside coating.* As a yielder it is not surpassed. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

CHRISTIANA. Recommended because of its *extreme earliness*, being of the quickest growth of any on record. Flesh yellow, sweet, juicy, and of good quality. It is best just as it falls from the vines, hence adapted particularly to the family garden. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

MUSK MELON.—Continued.

OSAGE OR MILLER'S CREAM. This is more largely grown for the Chicago market trade than any other Musk Melon. It is exceedingly popular throughout the West, and in its season is served on all hotel tables and leading restaurants. The shape is pointed-oval, somewhat resembling a coconut. Medium size, color dark green, slightly netted and of a rich orange color where the melon lies on the ground. The flesh is thick, salmon-colored, and in quality is hard to beat. Thin rind and very small cavity. We have some extra choice seed of this fine melon. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb. 75c.

EMERALD GEM. A small, very early sort, that is without doubt the most delicious table melon extant. Form, flat-round. Flesh, deep orange, very thick, with small seed cavity. Skin smooth, dark green. *The quality is all that can be desired.* This melon is not a good shipper. We commend it to all for home use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.



STRAWBERRY MUSKMELON.

STRAWBERRY MUSK MELON. This, the latest production of an expert melon originator, was first introduced by us. Its outward appearance compares favorably with the old Green Nutmeg, turning to a yellowish hue overnight, when ripe. Flesh red, soft to the rind, exceptionally sweet. Grows to a desirable market size, about 6 to 8 pounds each. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

SURPRISE. An early and very prolific variety, bearing good-sized melons of first quality. It has a *thin*, cream-colored skin, and *thick*, salmon-colored flesh. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

BANANA. An entirely distinct variety. It grows from eighteen inches to two feet in length. Fruit long, slender and banana-like. When ripe it smells like one having a delightful fragrance. Skin creamy white, not netted; flesh salmon color when the melon is ripe. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

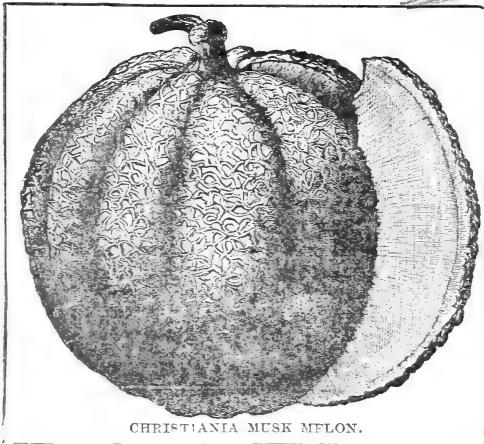
WATER MELON.

WASSERMELOX, Ger. MELON D'EAU, Fr.
1 oz. to 30 hills, 4 to 5 lbs. in hills to an acre.

...COLE'S EARLY...

A delicious and productive variety for the family garden, succeeding in Northern States. It is so early that it matures in every State; very hardy; the flesh is deep red in color, clear to the rind, and is most sweet and delicate in flavor. It is exceedingly brittle, and hence cannot be shipped to distant markets, but is most desirable for the home garden. Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

MAMMOTH IRON CLAD. A monstrous, striped, oblong melon, having a rind of such remarkable strength and impenetrability as to render it perfectly "iron-clad;" hence the best shipper produced to date. Flesh red, sweet, tender, crisp and juicy. Heart very large. The keeping qualities of this melon are remarkable. Whether plucked or left upon the vines, they remain perfectly fresh fully one month after ripening. In addition to the foregoing facts it is the most remarkable yielder on record. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 70c.

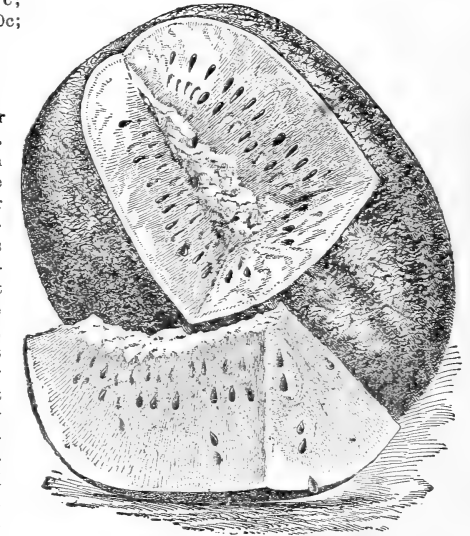


CHRISTIANIA MUSK MELON.

VINE PEACH or MANGO MELON.

The vine on which they are borne is similar to the musk-melon, and requires the same cultivation. The fruit is about the size of a large peach, and of a bright orange yellow color, somewhat russeted. They are easily cultivated, wonderfully prolific, and can be used in every way like a peach.

Pkt. 5c; oz. 20c.



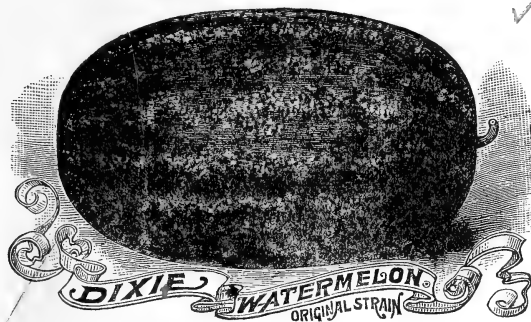
SWEET-HEART WATER MELON.

✓ SWEETHEART.

This variety has no equal as a melon to ship to distant markets, and it is so attractive in appearance that it is readily sold when all others are a drug. Of the largest size, a little longer than thick, but nearly globular in shape. Skin very bright, beautiful mottled green. Flesh bright red, firm and heavy, but crisp, melting and exceedingly sweet. This melon is not only a good keeper, but it improves in quality for a long time after ripening. Seeds dark gray. That which we offer is grown from the original stock, and is genuine Sweet Heart.

Pkt., 5 c;
oz., 10 c;
 $\frac{1}{4}$ lb., 20c;
lb., 60c.

WATER MELON.—Continued.



CUBAN QUEEN. An excellent melon which stands shipment well. Fruit medium to large, oval, skin striped, light and dark green; flesh bright red, sugary and crisp. It has been grown to weigh one hundred pounds. A good keeper. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

KOLB'S GEM.

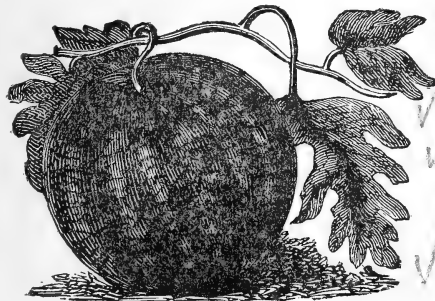
In the melon-growing states this variety is more largely grown than any other. The dark green rind, although thin, is exceedingly tough, so that the melons stand handling and long distance shipments without breakage. Flesh bright red, flavor excellent. Form nearly round, weight varies from 30 to 50 pounds. Retains its sweetness and freshness a long time. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

PRIDE OF GEORGIA. For table use this watermelon stands unsurpassed. Owing to its thin rind it is not a good shipping sort. Form, oblong-oval, with indentations somewhat like those of the musk melon. Skin, deep green; flesh, red sweet and tender. Those who raise their own melons for home consumption will find this one first-class, and, too, it thrives in any section of the country. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 55c.

GEORGIA RATTLESNAKE. Fruit large, shape oblong, rind dark green striped and mottled, flesh red, of fine quality. It stands shipment long distances. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

MOUNTAIN SWEET. An old standard sort and one of the best for the home garden. Fruit large oval, rind dark green and thin, flesh scarlet, solid to the core and sweet. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

PEERLESS or ICE CREAM. An excellent one for home use. It will also stand shipping short distances. It is *early*, vigorous, *hardy*; fruit medium size, oval, finely mottled; flesh, bright scarlet, solid to the center, crisp, sweet and tender. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.



CITRON MELON.

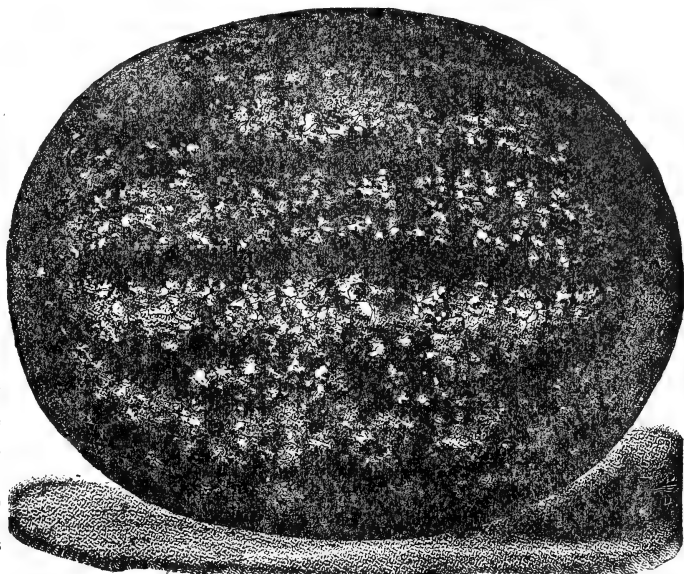
HOOSIER KING. *A melon with exceptional qualities.*

The melons grow oblong and are of an even diameter through their entire length. The flesh is brilliant red, very solid, sweet and luscious. The skin is striped light and dark green; the rind is very thin, but exceedingly hard, which renders it a *valuable shipping sort*, as well as a desirable variety for family and market purposes. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

THE DIXIE. *A water melon whose name and fame are*

known the country over. It is conceded to be the *best shipper* and keeper grown. It is larger, ten days earlier, more beautifully striped and of finer appearance than Kolb's Gem. Skin dark green, striped, flesh bright deep scarlet, sweet, tender and juicy. A most valuable cropper. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

HUNGARIAN HONEY. Surprisingly sweet and luscious. Fruit globe-shaped; skin, dark green; flesh very rich, bright red. *A superb melon for family use.* Weighs about ten pounds. The melons ripen early and the vines are healthy and vigorous. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.



KOLB'S GEM WATER MELON.

TRIUMPH WATER MELON. *The leading characteristics of this fine*

new melon are earliness, fine shape, thin, tough rind, great productiveness, attractive color and excellent quality. It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance of the former and the shipping qualities of the Gem, *very early*, very prolific, deliciously sweet and of enormous size. It possesses all of the qualities that go to make up a desirable Melon. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

DARK ICING. Fruit round and of medium size; rind dark green, thin, but very strong; flesh deep scarlet; rich, juicy and delicious. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 60c.

LIGHT ICING. Similar to the preceding, but a light variety. Our stocks are carefully selected. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

PHINNEY'S EARLY. The melons are of medium size, oblong in shape and uniform. Flesh red, tender and brittle. Rind mottled. A sure cropper. This Melon is hardy and a valuable sort for cultivating in the Northern States. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

CITRON. Grows uniformly round and smooth, striped and marbled with light green. Flesh white and solid. It should be borne in mind this variety is not eaten in the raw state. It makes preserves of the finest flavor. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.

MUSHROOM SPAWN.

CHAMPIGNON BRUT, Ger. CHAMPIGNON, Fr.
Ten pounds will spawn about ten feet square.

ROBINSON'S MUSHROOM CULTURE.—A book giving directions how to raise Mushrooms. Postpaid, 50c.

MUSHROOMS, HOW TO GROW THEM, By Wm. FALCONER.—The most complete book published in America on the cultivation of Mushrooms. Per copy, \$1.50, postpaid.

MUSHROOMS are much enjoyed as a table luxury and with proper conveniences may be had almost the year around. The Spawn can be planted in anything capable of keeping the necessary materials together in a greenhouse, cellar or shed, where the right temperature can be secured.

CULTURE: Mix thoroughly three parts of horse manure, free from straw, with one part old pasture soil. Make a bed in the cellar, or anywhere that a temperature of 50 to 70 degrees can be maintained; make the bed of any size or shape to suit, but have the compost from 8 to 10 inches deep. When the heat has subsided to about 90 degrees, plant pieces the size of a walnut 3 inches deep and 6 or 8 inches apart, pressing the compost compactly. After 8 or 10 days cover the bed with 2 inches of loam and top of this 3 or 4 inches of hay or straw and work it down evenly. After the bed has been spawned do not water unless quite dry and when necessary use luke warm water only. The mushrooms will appear in 6 or 8 weeks if the temperature is right.

ENGLISH MUSHROOM SPAWN. In bricks weighing about one and one-fourth pounds each, per brick, postpaid, 25c. By express, not prepaid, lb., 15c.; 10 lbs., \$1.25.

MARTYNIA.

THIS is quite ornamental in growth, quickly forming large bushes and bearing handsome Gloxinia-like flowers. When young and tender (test by pinching with the nail) the seed-pods make excellent pickles, and as they are produced in great abundance, a few plants will suffice for an ordinary garden. Sow in May or June.

MARTYNIA PROBOSCIDEA. The best variety for pickles. It is well worth growing, as the large plants with their handsome pods attract great attention, and the young seed-pods make delicious pickles. Per pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; per lb., \$3.00.

MUSTARD.

SENF, Ger. MONTARDO, Fr.

1 oz. sows 75 feet of drill.

The young leaves are used in early spring with cress, lettuce, etc. Sow thickly in shallow drills a foot apart and cut when a few inches high. May also be boiled and eaten like spinach.

WHITE. Excellent for salads or garnishing. Oz., 5c; ¼ lb., 15c; lb., 35c.

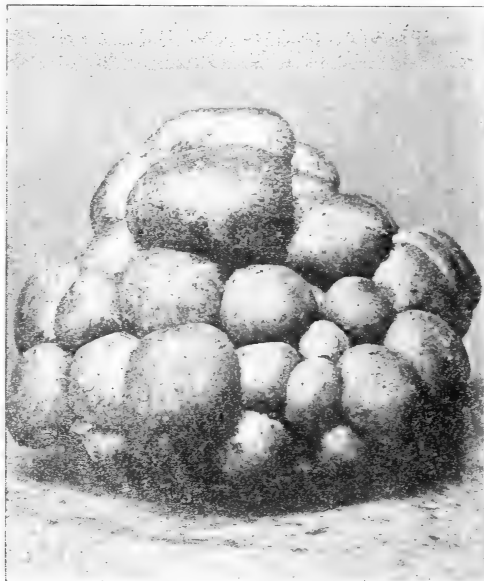
BLACK or BROWN. Leaves oblong, broad and cut. Seeds reddish brown. Oz., 5c; ¼ lb., 15c; lb., 35c.

NASTURTIUM, Indian Cress.

If growing for seed, plant in poor soil; when cultivated for flowers or leaves the ground cannot be too rich.

TALL VARIETIES. The seeds, while young, are used for pickles, the highly ornamental flowers and leaves for garnishing. Pkt., 5c; oz., 10c; ¼ lb., 30c.

DWARF VARIETIES. Beautiful colored flowers. Pkt., 5c; oz., 12c; ¼ lb., 35c.



The accompanying illustration was made from a photograph and portrays a single stool of Mushrooms grown by a Chicago gardener from our special brand **English Mushroom Spawn**. Our Spawn can be thoroughly depended upon. It is reliable and as we import frequently is always fresh.

OKRA or GUMBO.

ESSEBARE SAFFRAN, Ger. GUMBO, Fr.
1 oz. sows 50 feet of drill.

Extensively grown in the Southern States, and should be better known, as it is a delicious vegetable. The young green pods make a healthful and nutritious soup, and when pickled are a fine salad. Sow after weather becomes warm in rows three feet apart, two feet apart in the rows. Will succeed in any good garden soil.

IMPROVED DWARF. A distinct early variety. Pods comparatively short but very numerous. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

WHITE VELVET. A valuable new variety characterized by its round, smooth pods, free from ridges and seams. It is the most prolific Okra now offered, bearing 16 to 20 remarkably white pods per stalk; all well filled with tender, well-flavored fruit, rich in mucilaginous properties. Most desirable for all purposes for which Okra is used. Dried in the shade the pods can be used for soups at any time. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

... PEANUTS ...

When sending your seed order don't forget to order a few Peanuts for the boys and girls. It's lots of fun to cultivate Peanuts and ensures the young people a supply for the winter. Peanuts are a paying crop to grow

EARLY VIRGINIAN. Remarkably early, of large size and very productive. Of spreading habits cultivate in ridges. ¼ lb., 15c; lb., 25c., postpaid.

SPANISH. The stems grow upright instead of spreading. Planted in May they yield a bountiful crop of nuts in September. This is a good variety on which to fatten hogs. ¼ lb., 15c; lb., 25c., postpaid.



WHITE VELVET OKRA.

ONION SEED.

ZWIEBEL, Ger. OGNON, Fr.

1 oz. to 100 ft. of drill; 6 lbs. to an acre.

CULTURE: As early as the ground can be worked in the spring, sow the seed in drills fourteen inches apart, covering one half inch. They should be planted in rich, sandy soil, which is as free from weeds as possible. Commence hoeing as soon as the rows can be seen; skim the ground over the surface, avoid stirring deeply, and work the soil away from the bulbs. At second hoeing weed carefully and thoroughly by hand. When the tops die, pull and spread evenly over the ground, stir or turn until fully dried, then cut the tops one-half inch from the bulb. For pickles or sets, good ground should be prepared as above, and the seed should be sown very thickly in broad drills, about 40 pounds to the acre for sets, and 15 to 20 lbs. for pickling. For sowing onion seed and cultivating the crop, it will pay you to purchase a good drill and hand cultivator. See description elsewhere.

EXTRA EARLY RED FLAT. Matures very early, yields abundantly, and is of mild flavor; medium size, deep red, close grained, solid and heavy. An excellent market variety. Particularly recommended for the North and Northwest as even there it will produce full sized onions from the black seed. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

EARLY RED GLOBE. Its extreme earliness has been a surprise to those who have grown it. Ready for market several weeks ahead of Large Red Globe. Of good size, fine grained and mild flavored. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25.

WHITE GLOBE. This is one of the handsomest onions grown; of handsome shape, beautiful appearance and clear, white skin, commanding the highest market price. Flesh, pure snow white, and flavor extremely mild. Grows very rapidly, ripening very early and evenly. A splendid keeper. We have a superior strain of very choice seed. Packet, 5c; oz., 25c; ¼ lb., 70c; lb., \$2.50.

QUALITY FIRST EVERY TIME IN ONION SEED.

It is of vital importance and the only way to insure a crop.

ONLY bulbs of the highest individual perfection, sorted and selected by experts with the utmost care, are planted for growing our onion seed. This is followed by the most careful attention to the details of cultivation, harvesting and curing. On this foundation we base our claim for the unsurpassed quality of our onion seed.

Barnard's Selected Yellow Globe Danvers Onion.

For complete description and illustration from photo see page 8.

Selected for large size, round form, thin, silky skin and splendid keeping qualities. The best of all yellow onions for the winter or spring market, as it keeps perfectly as late as April. *The most profitable onion for the market gardener.* Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

YELLOW GLOBE DANVERS. The product of this seed will not average so uniform in shape and other desirable points as our selected strain. It will be found fully equal to the standard of Yellow Globe Danvers as usually sold. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

In comparing our prices with others, please remember that **WE PAY THE POSTAGE**, and if the seed is ordered by freight or express at the expense of the purchaser, 10 CENTS PER POUND may be deducted.

YELLOW DANVERS. Bulb of good size and flat; the standard yellow onion for market or home use, being both early and an enormous yielder as well as a good keeper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

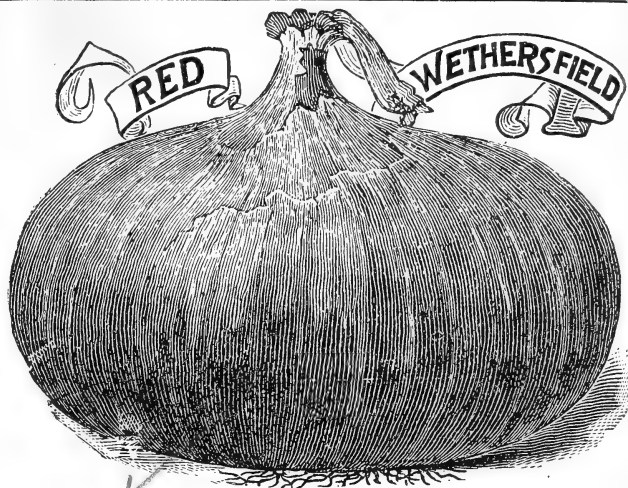
SOUTHPORT LARGE YELLOW GLOBE. This variety is quite distinct from the Yellow Globe Danvers. It is of large size, thin yellow skin, white flesh, fine-grained, mild flavor, firm and the best of keepers. Reliable for bottoming and free from scullions. It matures early; sells at the best prices. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

SPECIAL PRICES. It will pay market gardeners and onion growers who use large quantities of Onion Seed to write for special prices, stating quantity required.

We will sell lots of 5 lbs. or more of any Onion Seed at 10c. per lb. less than prices herein named.

LARGE RED GLOBE. A handsome red globe onion which is much prized for its color and form. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25.

YELLOW DUTCH, OR STRASBURG. Bulb large, oval and variable in form. Outside skin brown and of firm texture. This is the kind to sow for sets. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.



Large Red Wethersfield.

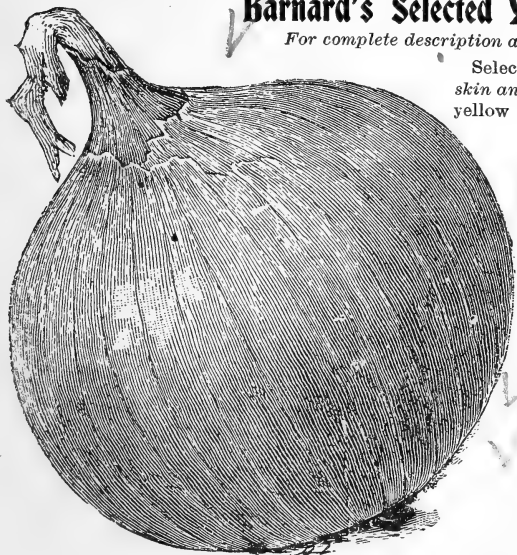
By paying our growers an increased price for extra care we can confidently claim that for *size, productiveness and keeping qualities* our strain far surpasses the ordinary Red Wethersfield. Bulbs are perfect in form, purplish red in color, and bring the highest prices in market. Ripens in September; a sure and abundant cropper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35.

WHITE PORTUGAL or SILVERSKIN. Very desirable for family use, flavor mild and pleasant; skin silvery white; of handsome appearance; highly esteemed for pickling. Pkt., 5c; oz., 25c; ¼ lb., 70c; lb., \$2.50.

PERFECT IN SHAPE

BEST IN COLOR

GREATEST IN YIELD



YELLOW GLOBE DANVERS.

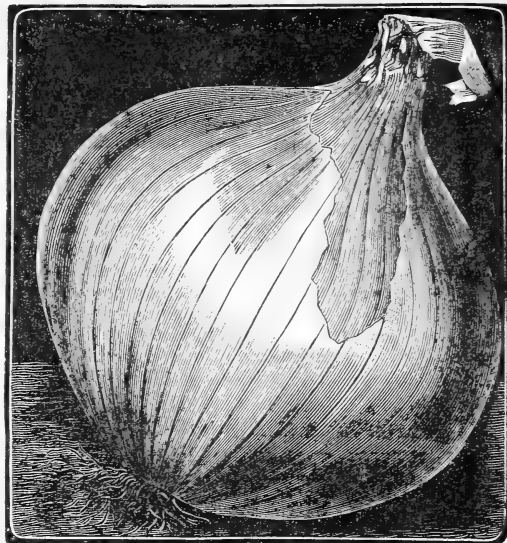
ONION SEED, Continued.

... PRIZE TAKER ONION ...

THIS grand variety has been several years before the gardening public and is now fully recognized as one of the best standard sorts. For handsome appearance and size it is not excelled by the monster onions from Spain, and in mildness of flavor and tenderness it is fully equal to the Bermuda Onion.

Whether cultivated for the home table or as a crop for the market this magnificent onion is really a valuable one to plant. In the market it attracts instant attention and brings the best price. *It is today one of the largest, handsomest and most profitable varieties grown.* By sowing early and transplanting it can be grown to an extraordinary size.

The Prizetaker Onion is globe shaped; of a clean, bright yellow or straw color. Has a small neck and ripens up hard. Keeps well until about midwinter. Flesh thick, white, mild and agreeable in flavor. It is easily grown, medium early in maturing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.



PRIZE TAKER ONION.

NEW QUEEN. Bulbs very small and flat; flesh white and of a delicate flavor. Sown in February, they will make onions one or two inches in diameter early in the summer. Very early and of rapid growth, and keeps the year round. Fine pickling variety. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

EARLY WHITE BARLETTA. The great merit of this variety is its extreme earliness. It is fully two weeks earlier than the White Queen. Color, pure waxy white; very mild and delicate flavor; from 1 inch to $1\frac{1}{2}$ in. in diameter, and $\frac{3}{4}$ inch thick. Good for pickling. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

ONION CULTURE, The New.

By T. GREINER : : : This new work is written by one of our most successful agriculturists, and is full of new, original, and highly valuable matter of material interest to every one who raises onions in the family garden, or by the acre for market. By the process here described a crop of 2,000 bushels per acre can be as easily raised as 500 or 600 bushels in the old way. The plan is feasible, and is being pursued by many market gardeners throughout the country. It will pay you to read this book. We send it postpaid for 50c or present it to every purchaser of 5 lbs. or more of Onion Seed.

...ONION SETS...

1 quart to 100 feet of drill.

Onion sets may be planted as early in the spring as the conditions of the ground will permit and these will produce onions in the green state by June. Set about 4 inches apart in drills 1 foot apart.

BOTTOM SETS are produced by sowing the seed very thickly (40 to 60 lbs. to the acre) as early as the ground can be worked in the spring, in beds or broad drills, and not thinning out. About the middle of July, or whenever the tops die down, usually when about an half an inch in diameter, they are pulled and allowed to lay on the ground a day or two, when the tops should be wrung off by hand, put into shallow trays or spread thinly in a dry loft; sets should be planted out as early in the spring as the ground is dry enough to work, in rows one foot apart, with sets two inches apart; the onions can be used in green state in June and will ripen in July.

The prices named below are for sets by mail postpaid. If you wish to purchase in larger quantities write for prices.

	QT. POSTPAID.
White Bottom Sets.....	30c
Yellow " ".....	30c
Red " ".....	30c
Potato Onions.....	35c
Top Onions.....	30c
White Multipliers.....	45c
Yellow Multipliers or Shallots.....	35c
Egyptian or Tree.....	25c

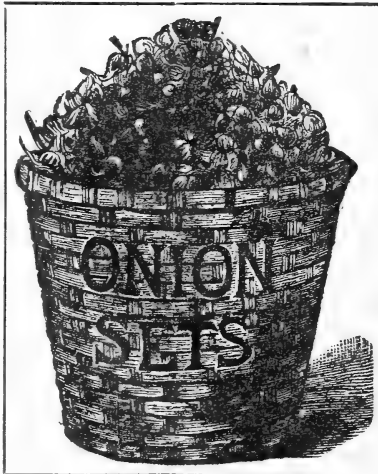
TOP SETS. On the top of the stem where seeds are produced on most onions, these tops or sets form. In early spring the clusters, after separating, are planted and the result is large onions which, with one years' growth, yield clusters on the top. They are used to make marketable onions, are sweet and mild flavored

POTATO ONIONS. Valuable for an early crop. The same bulbs increase in size and the parent bulb produces a quantity of small bulbs in a cluster, growing mostly on the top of the ground. They are great producers, mild and sweet in flavor and are esteemed by many to all other forms of Onion Sets.

To the growing, curing, storing, cleaning and shipping onion sets we devote a large share of our time and space. The sets are grown from seed supplied by us, cured and sorted under our own supervision. We shall be glad to quote special prices by the peck, bushel or barrel, subject to market fluctuations.

WHITE MULTIPLIER ONION SETS.

This variety frequently produces as many as twenty bulbs in a cluster from a single bulb planted. The color is white and the size just right for bunching green; while if ripened for use as pickling onions it can be grown economically. When ripened, their keeping qualities are remarkable, having been known to keep sound for one year. Perhaps their most profitable quality is extreme earliness, being ready for market three or four weeks ahead of any other Onion Sets. It is aptly said of them that "the grass and weeds cannot grow fast enough to cover them." The largest of the sets, if allowed to grow through the summer, makes an onion of fair size, which divides when ripening.



WINTER or EGYPTIAN TREE. When once set out it grows for years without any protection or care, except in keeping down the weeds. It starts so early in the spring that is ready for use a long time before any other onions can be had. It is mild-flavored, sweet and tender. They form no large bulbs, but divide and grow as many as fifteen or twenty small onions in one bunch.

Parsley.

PETERSILIE, Ger. PERSIL, Fr.
1 ounce will sow 150 feet of drill.

Soak the seeds a few hours in luke-warm water and sow early in spring in drills one foot apart. Thin out the plants to four inches. To preserve in winter transplant to a light cellar or glass frame. Used for garnishing and seasoning soups, meats, etc.

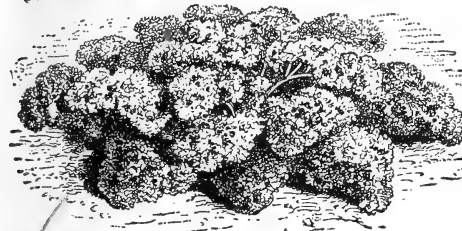


CHAMPION MOSS

CURLED. The plant in appearance resembles a tuft of green moss. The leaves are extra large, extra dark green, tender, crimped and curled. Just the thing for market men

to sell in bunches of pot herbs.

We recommend this sort. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 65c.



CHAMPION MOSS CURLED PARSLEY.

FINE DOUBLE CURLED. A curled variety having crimped leaves. It is used mostly for garnishing. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

PLAIN OR SINGLE. Plain leaves of excellent flavor. They are longer than those of the curled Parslies. Packet, 3c; oz., 7c; ¼ lb., 15c; lb., 60c.

HAMBURG. The edible portion is the fleshy root. It is highly esteemed for flavoring soups, stews, etc. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

PEAS.

EEBSEN, Ger. POIS, Fr.
1 quart will sow about 125 ft. of drill. 1½ bu. an acre.

Peas are extremely hardy, and will endure a great deal of cold either in or above the ground. By sowing as early as the ground can be worked and making repeated plantings at intervals of two weeks, peas of excellent quality may

be had far into the summer. Sow in drills two or three inches deep and from three to four feet apart, narrow for the dwarf and wide for the tall growing sorts. Dwarf growing peas require very rich soil and no support; tall growing varieties should be trained to wire trellises or supported by brush. If the soil is rich they will run too much to stalks. Wrinkled peas (marked *) contain a greater amount of saccharine matter than the smooth sorts.

Figures preceding description of varieties indicate height in inches.

Price for packet, pint or quart, includes postage. When sold over our counter or if forwarded by mail or express at buyer's expense. 8 cents per pint, 15 cents per quart may be deducted from our prices.

BARNARD'S The Earliest of the Earlies.

"LEADER." The records of another season have again shown that all the claims we made in former years for this very superior pea have been conclusively demonstrated.

It is the best variety for market gardeners to plant, and for home use we have yet to find a better. Grows about 30 inches high. Vines vigorous, extremely prolific, the pods being numerous and well filled with peas of good size and delicious flavor. A further good quality is that of ripening with great uniformity so that the vines can be stripped at one picking.

We have sold this pea in past seasons very extensively, and all who have grown it give it the highest praise. Try it this year. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.00; bu., \$3.50.

Parsnip.

PASTINAKE, Ger. PANAIS, Fr.
1 ounce will sow about 150 feet of drill.

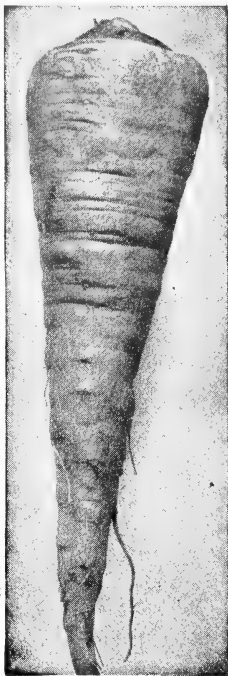
Cultivate as for Carrots. It is customary to leave Parsnips in the ground over winter as frost improves the quality of the roots. The Parsnip is valuable not only as a table vegetable but for stock feeding purposes also.

MAGNUM BONUM. It gives the utmost satisfaction and yields the most money to the market gardener because of its decidedly handsome appearance, smooth, heavy roots, which are broad at the shoulder, fine grained and of superior quality. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

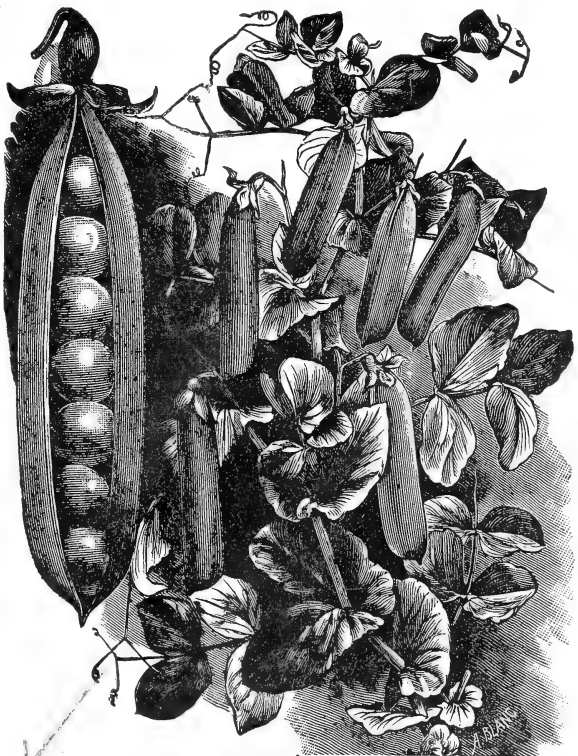
HOLLOW CROWN. An old standard sort, long, sweet, and very productive. One of the best for general cultivation. Packet, 3c; oz., 5c; ¼ lb., 15c; lb., 40c.

IMPROVED GUERNSEY. This is a good, half-long variety, having smooth roots. It is of good quality and recommended for the family garden. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 45c.

EARLY ROUND. The earliest. Roots are of small size. Sometimes used for bunching with pot herbs. For shallow soils use this sort. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb. 50c.



MAGNUM BONUM
PARSNIP.



BARNARD'S LEADER.

ALASKA. 24 in. A desirable, very early pea for market gardeners. Pods dark green, peas blue. Can be shipped long distances without losing its color. Packet, 5c; pt., 20c; qt., 35c; pk., \$1.00; bu., \$3.75.

PEAS.—Continued.

Figures preceding description of varieties indicate height in inches.

Prices for packet, pint or quart include postage. When purchased over our counters or if forwarded by mail or express at buyer's expense, 8 cents per pint or 15 cents per quart may be deducted from our prices.

THREE BEST PEAS FOR TABLE USE.

They may all be planted at the same time and will be ready for use in succession and furnish an abundance of delicious Peas all summer.

***NOTT'S EXCELSIOR.** 15 in. The earliest and best dwarf wrinkled pea. Fast taking the place of American Wonder. It is fully as early, while the pods are larger, more of them and better filled. The Peas are tender and of most delicious flavor when cooked. Pkt., 10c; pt., 25c; qt., 40c; peck \$1.25.

***HEROINE.** 30 in. The quality of this pea is simply perfection. That rich, buttery, marrow-like flavor for which the peas grown in the gardens of old England are celebrated. Pods are large, pointed and heavy, deep green in color, and contain from seven to eight Peas. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.10; bu., \$4.00.

***DUKE OF ALBANY.** 50 in. Along with a number of other new Peas, this was tested on our home grounds. It is a strong grower, foliage somewhat coarse. Matures late, about the same time as Telephone. Pods are long, large, thick, dark green in color. The peas remained in good eating condition some days after ripening. We consider this an excellent pea. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.10; bu., \$4.25.

SPECIAL OFFER: One pint of each of the three Peas described above for 50c postpaid. One quart each of the three Peas described above for 90c postpaid. You should try them. They will not disappoint you.

***SHROPSHIRE HERO.** 36 in. Market gardeners who tried this new pea last season give it unstinted praise. The pods are larger and better filled than Telephone and others of its class; averages seven and often contains 9 or 10 peas of delightful flavor. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.00; bu., \$3.75.

THE ADMIRAL.

***The Admiral.** 36 in. For second early market or family use we highly recommend this. Pods in pairs, thick, short, usually carrying six or more peas of best quality. Pkt., 5c; pt., 20c; qt., 35c; pk., 70c; bu., \$2.50.

EXTRA EARLY VARIETIES.

***RURAL NEW YORKER.** 30 inches. An excellent very early Pea. Pods of fine shape, containing from six to nine peas of fine quality. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.50.

***BLUE PETER.** 12 in. Sometimes called Blue Tom Thumb. A great producer; fine quality. Quite early and dwarf. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.50.

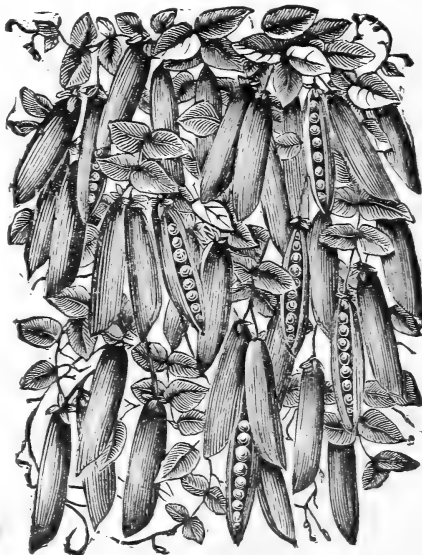
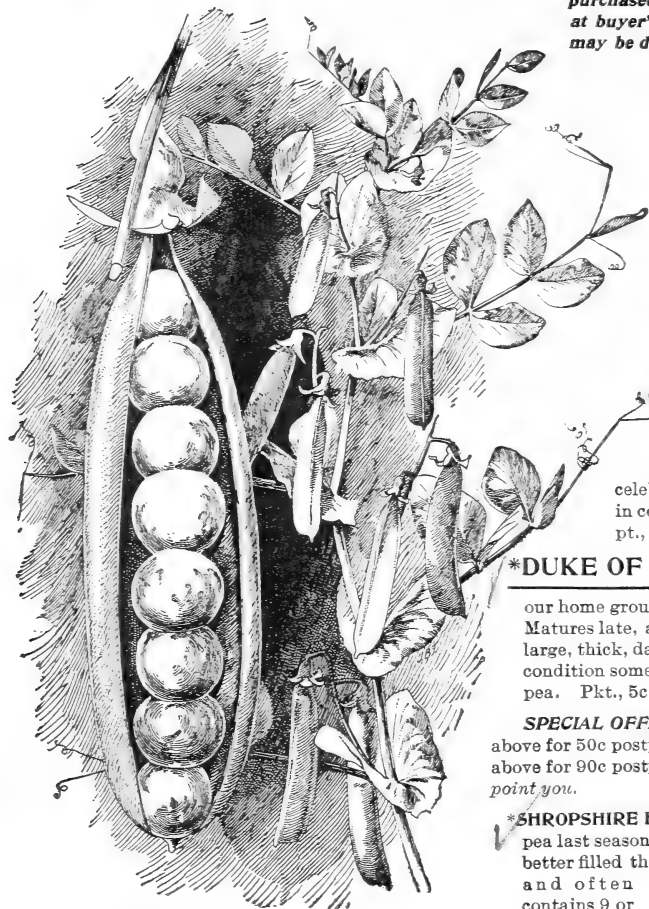
***PREMIUM GEM.** 15 in. This is an extra early dwarf sort, an improvement on Little Gem. Pods long, dark green. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.10; bu., \$4.25.

***McLEAN'S LITTLE GEM.** 18 in. A few days later than First and Best. Matures in eight weeks. When in a green state the peas are sweet and delicious. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.10; bu., \$4.25.

***AMERICAN WONDER.** 12 in. For many years deemed the earliest wrinkled pea in cultivation. Newer, improved varieties have taken from it this honor. In flavor, quality and productiveness it has not been surpassed. Pkt., 5c; pt., 20c; qt., 35c; pk., \$1.25; bu., \$4.50.

PHILADELPHIA EXTRA EARLY. An extra early sort that is ready for the table in 45 days. A favorite market pea. Peas smooth and of excellent quality. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.25.

***FIRST AND BEST.** 30 in. An extremely early Pea; a stocky and vigorous grower. Each vine bears from three to five pods which mature well together. Pkt., 5c; pt., 20c; qt., 35c; pk., 80c; bu., \$3.00.



PEAS—For General Crop

HORSFORD'S MARKET GARDEN. 24 in. An enormous yielder, the pods literally packed with peas. Requires no bushing. Packet, 5c; pt., 20c; qt., 40c; pk., \$1.00; bu., \$4.00.

***MCLEAN'S ADVANCER.** 30 in. A favorite with market gardeners and for home use. Long pods, well filled. Packet, 5c; pt., 20c; qt., 40c; pk., 90c; bu., \$3.25.

***ABUNDANCE.** 18 in. Of branching habit. It is appropriately named for its yielding qualities. Comes into bearing after American Wonder. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.00; bu., \$4.00.

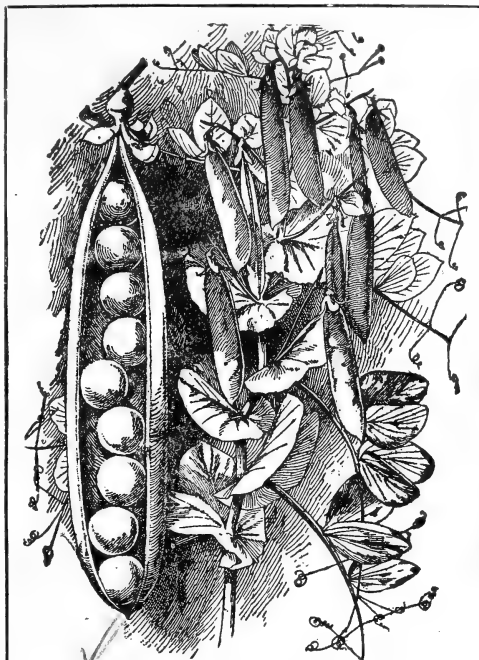
***EVERBEARING.** 24 in. Late. Should be sown thin. Makes long pods and large peas. Pkt., 5c; pint, 20c; qt., 40c; pk., \$1.00; bu., \$4.00.

QUEEN. 30 in. A grand pea introduced a year or two ago from England. It follows Heroine in its bearing season. Pods quite large; peas oval, dark green and of a delicious flavor when cooked. Packet, 5c; pt., 20c; qt., 40c; pk., \$1.15; bu., \$4.25.

ROYAL DWARF WHITE MARROWFAT. 24 in. A large, delicious marrow pea; an excellent bearer and a favorite with market gardeners. Packet, 5c; pt., 20c; qt., 35c; pk., 65c; bu., \$2.50.

***PRIDE OF THE MARKET.** 24 in. Most wonderfully productive and extensively planted by market gardeners. Pods long, generally in pairs, dark green; peas round, blue, and of fine flavor. Pkt., 5c; pint, 25c; qt., 50c; pk., \$1.35; bu., \$5.00.

***CHAMPION OF ENGLAND.** 55 in. Generally conceded to be the best late tall pea. It is a profuse bearer and the peas are of excellent quality. Adapted to the requirements of both amateur and professional gardeners. Pkt., 5c; pt., 20c; qt., 35c; pk., 90c; bu., \$3.25.



IMPROVED STRATAGEM.

FOR a main crop, wrinkled pea it is difficult to find a better one than this. A *grand market grower's* Pea. This strain is a great improvement on the old Stratagem. The pods are of immense size and uniformly filled with very large dark green peas of the finest quality. Vines in height about 24 inches, very stocky, with very broad, light green leaves, and bearing an abundance of large, handsome pods. The best pea now on the market for those who want large, showy pods and peas of the best quality. Packet, 5c; pt., 20c; qt., 40c; pk., \$1.00; bu., \$3.75.

EDIBLE PODDED PEAS.

DWARF SUGAR. Pods tender and succulent, in flavor equal to the best string beans. They are gathered while young, not shelled, but boiled whole. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.40; bu., \$5.00.

PEPPER.

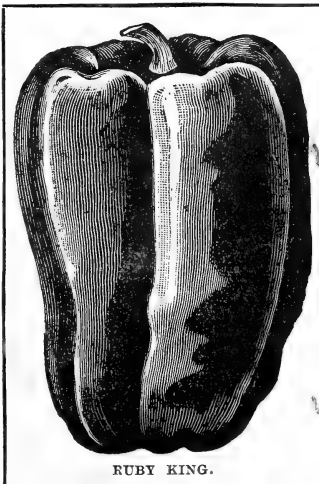
PEPPER, GER.
PIMENT, FR.

1 oz. seed to 1500 plants.

Peppers are more tender than most vegetables. The seed should be sown in a hot-bed, cold frame or if no other convenience, a box in the window and transplanted about the last of May. They can be sown in the open ground when the weather becomes warm and settled. Warm, mellow soil, well fertilized, should be used.

***GOLDEN DAWN.** Resembles Bull Nose in shape. Color is a beautiful yellow, making a handsome appearance both in growth and on the table. Mild and sweet. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$2.00.

***CHERRY RED.** A small, smooth, round variety of dwarf growth. Fruit at maturity glossy scarlet. Packet, 5c; oz., 25c; ¼ lb., 70c; lb., \$2.50.



RUBY KING.

FIELD PEAS.

Field, Golden Vine, Common Blue, and will quote prices for larger quantities than here named, on application. Pkt., 5c; pt., 15c; qt., 25c., postpaid.

***SWEET MOUNTAIN.** Fruit very large, long, often eight inches or more in length, skin smooth, green when young and rich at maturity. Flesh thick, sweet and mild. This sort is much in use to stuff for mangoes. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$2.00.

LARGE BELL or BULL NOSE. Much esteemed for making chopped pickles. One of the earliest varieties. Flesh thick and hard, and not so pungent as some others. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$2.00.

RUBY KING. The mildest pepper in our list. Grows from four to six inches in length by three to four inches in diameter. Color, bright and ruby red. Good for stuffed pickles. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$2.00.

CAYENNE. Used for pickles and making pepper sauce. Pods cone-shaped, small, red, very pungent. Packet, 5c; oz., 20c; ¼ lb., 55c; lb., \$2.00.

Telephone.

48 in. No pea of recent introduction has gained more steadily in popularity than this. Leaves coarse; vines extremely vigorous, carrying ten or a dozen pods each. Pods very large, well filled with peas of delicious flavor. We offer carefully selected stock. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.25; bu., \$4.50.

LONG ISLAND PATIMOTH. 42 in. Earlier than Champion of England; an excellent cropper. Pods large size and well filled with green peas of excellent quality. Popular with eastern truckers and market gardeners. Pkt., 5c; pt., 20c; qt., 40c; pk., \$1.25; bu., \$4.50.

LARGE BLACK-EYED MARROWFAT. 60 in. This, like the preceding, is extensively grown as a field crop. Pkt., 5c; pt., 20c; qt., 35c; pk., 65c; bu., \$2.50.

TWO NEW PEAS

GRADUS.

Of a new family of Extra Early Wrinkled Peas.

DWARF TELEPHONE,


Unsurpassed for family gardens.

See novelty pages for descriptions.

POTATOES FOR SEED.

A CHANGE OF SEED
ALWAYS PAYS.

In drills 8 ft. apart, 10 to 12 bushels to the acre. 1 peck will plant about 125 hills.

 OUR seed potatoes for this season are some of the finest tubers ever produced. They are "Northern Grown" by expert cultivators, and have been selected for quality with the greatest care. The tubers are large, smooth and free from disease. Our revised list contains the cream only. Inferior sorts are eliminated. *At prices quoted potatoes are forwarded by express or freight as directed. We make no charge for sacks or barrels, nor for cartage to depots. The purchaser pays transportation charges and assumes risk of heating or freezing. Freight on one bushel will be no more than on one peck.*

Small quantities by mail or express prepaid, unless otherwise noted,.....lb., 25c.; 3 lbs., 60c.

Extra Early Acme.

It is believed to be a cross between Early Rose and Early Ohio. The strong claim is made for the Acme that it is **fully one week in advance of any other potato in existence**. Very early potatoes are usually shy yielders, the Acme is most productive. Tubers handsome in appearance, skin flesh-color, flesh white. "Fit to eat in five weeks and fully matured in nine weeks from planting." ½ pk., 30c.; pk., 50c.; bu., \$1.25; bbl., \$3.00.

Extra Early Ohio.

STANDARD extra early Potato, maturing two weeks ahead of the Early Rose. A special favorite with marketmen and the most profitable sort they can grow. It gives satisfaction in all parts of the country. The tubers are much smoother and of better shape than the Early Ohio. They are smooth, free from scab, and grow compactly in the hill, are easily dug; very few small ones, almost every one being of marketable size.

Pk., 35c; bu., \$1.00; bbl., \$2.75.

Thoroughbred.

Earlier than Early Ohio.

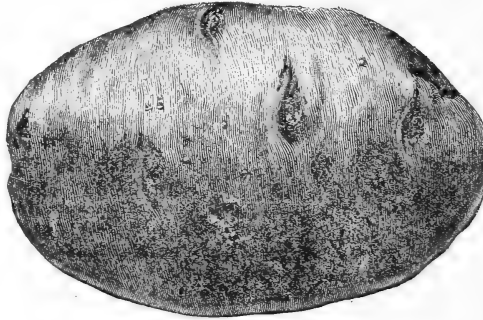
TWO years ago this splendid potato was sent out at the high price of \$25.00 per barrel. It proved such a winner that there never has been stock sufficient to supply the demand until this season. The claims made for it are "as great a cropper as Irish Daisy, as fine flavored as the Freeman, and as early or earlier than the Early Ohio."

The tubers are oblong, smooth, in color, light bluish or pink. They form compactly in the hills and at digging time nearly all the potatoes are of marketable size. The eating quality is "something extra." Pk., 50c; bu., \$1.25; bbl., \$3.00.

CARMAN NO. 1. Originated by and named in honor of the celebrated editor of *The Rural New Yorker*, who says of this potato: "It is the finest potato I ever saw." It is a medium in season, resembles the Rural New Yorker in appearance, flesh white. Its chief characteristic is enormous productiveness; of elegant quality, dry, white, mealy. Leading potato specialists are loud in its praises. Pk., 40c; bu., \$1.00; bbl., \$2.50.

In considering our prices please keep in mind that *our barrels contain eleven pecks, or 165 lbs. of potatoes*. A barrel of potatoes, unless the weight is stated, is an indefinite quantity. You may select three or more varieties in our list and we will put them up in one barrel, and mark the barrel plainly "open this end."

LATE ORDERS. Although we have a good stock of all Potatoes offered, it is not in exhaustible. Late in season some varieties may be sold out. We suggest that a second choice be named on the order or permission given us to substitute. This we never do unless assured such change will be satisfactory to the buyer.



EARLY SIX WEEKS.

Please Notice that our discounts do NOT apply to POTATOES, Field Corn, Grass and Clover seeds, Onion Sets, Tools and Fertilizers. For all above our prices are NET.

Early Six Weeks.

Without exception the earliest potato in existence.

MEDIUM size, smooth, oblong; skin pink, flesh white, tubers grow close together in the hill and grow so rapidly that under favorable circumstances they are fit for family use **in six weeks from the time of planting**, and mature in ten or eleven weeks. We call this a good potato and can confidently recommend it for the market or home garden. Pk., 40c; bu., \$1.00; bbl., \$2.75.

EARLY ROSE, Genuine Seed. Now is the chance to stock up with this prime favorite. It is well known for earliness and general excellence. Pk., 40c; bu., \$1.00; bbl., \$2.75.

RURAL NEW-YORKER NO. 2.

Another of Mr. Carman's seedlings which has attained world-wide fame. **The best intermediate and main crop potato.** Color, both skin and flesh, white, quality unexcelled. It has very few and quite shallow eyes. is smooth and handsome in appearance. Peck, 35c.; bu., \$1.00; bbl., \$2.50.

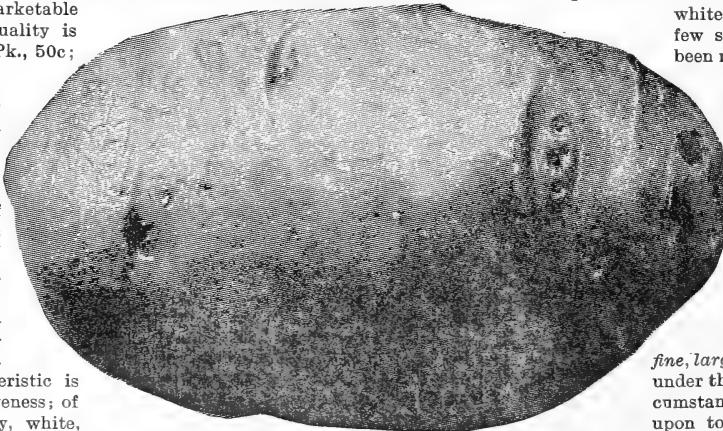
JUNE EATING. Originated in Wisconsin, skin and flesh white, tubers close in the hill, few small ones. They have been ready for use as early as

June 20th. The yield and quality is all that can be desired. Peck, 35c; bu., \$1.00; bbl., \$2.75.

CARMAN No. 3.

Doubtless the *most popular late potato* of the newer varieties, and certainly one of the most worthy. It yields great crops of *fine, large, smooth potatoes*, even under the most unfavorable circumstances, and can be relied upon to bring in money. Its form is like that of Carman No.

1, except that the tubers are not so elongated. Its good appearance, uniformity of shape, size (average one pound each) and productiveness makes this a **leading variety to grow for market**. It has but few eyes and they are very shallow. The skin and flesh are extremely white, no hollow or dark parts. Cooks up dry and mealy every time. Peck, 50c; bu., \$1.00; bbl., \$2.75.



EARLY THOROUGH-BRED.

POTATOES FOR GENERAL CROP.=Continued.

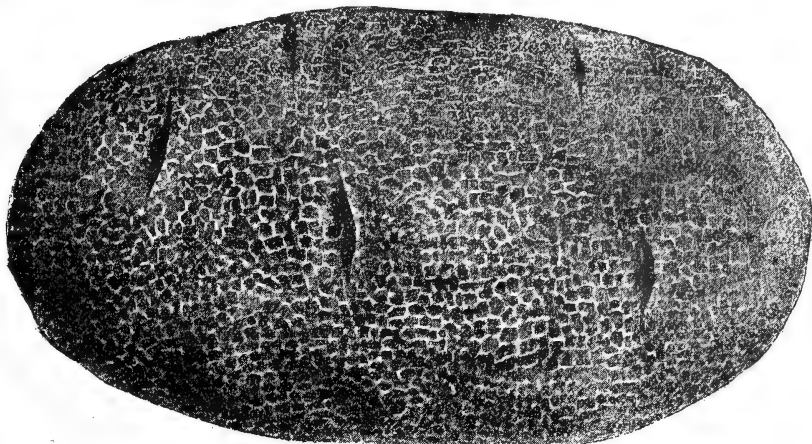
..Uncle Sam..

It is the
Handsomest
Potato grown

OUTYIELDS all others.

BOTH SHAPE and SIZE
very uniform.

ITS COOKING QUAL-
ITIES are its crowning
merit; superior, white,
floury and dry.



"UNCLE SAM."

This splendid potato was sent out by a leading eastern seedhouse which has introduced many excellent varieties at various times. It has been grown in different latitudes and from all sections most flattering reports come of its great productiveness and general excellence.

It is a medium late variety, ripening along with Rural New-Yorker No. 2. An *enormous cropper*, yielding tubers that are handsome, and of the *highest quality*, which cannot always be said of some varieties whose sole merit lies in their productiveness.

The tubers are oval with pure white russet skin. Cooked and on the table its pure, white, floury appearance attracts the attention of all. Pk., 50c; bu., \$1.50; bbl., \$3.50.

Seed Sweet Potatoes.

Choice stock grown and handled expressly
for seed purposes.

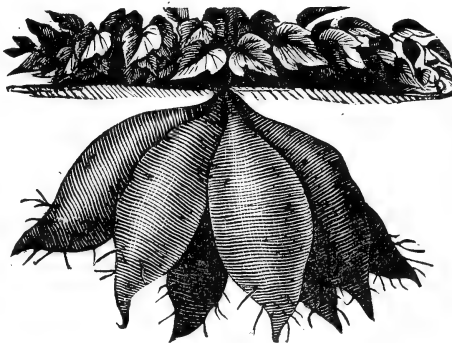
Please order early giving date you wish them shipped.
Unless specially ordered to do so we do not ship until planting time.

We pack Seed Sweet Potatoes for shipment in boxes and barrels with greatest care but as Sweet Potatoes are very susceptible to climatic changes we assume no responsibility for their condition after leaving our hands.

The following are kept in stock:

YELLOW NANSEMOND, YELLOW JERSEY,
RED BERMUDA.

Any of the above, packed carefully in boxes or barrels,
Pk., 50c; bu., \$1.50; bbl., \$3.50.



SWEET POTATO PLANTS.

We can supply these in their season in any desired quantity. For prices on these and any other vegetable plants see end of Vegetable seedlist.

For large quantities special quotations will be given on application.

...PUMPKIN...

KUERBIS, Ger. POTIRON, Fr.
1oz. to 15 hills; 4 to 6 lbs. to an acre.

The seeds are planted with corn or potatoes, but may be profitably raised in fields by themselves. Sow early in May in hills eight feet apart. For monster Pumpkins for exhibition purposes plant Mammoth Tours in very rich ground and feed liberally with liquid manure.

JAPANESE PIE PUMPKIN. Seeds peculiarly sculptured. Ripens early. Flesh thick; salmon colored; fine grained, dry and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

CALHOUN. Color outside is yellowish-brown, flesh salmon yellow, flesh thick and of splendid quality. Pies made from it are delicious to eat. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

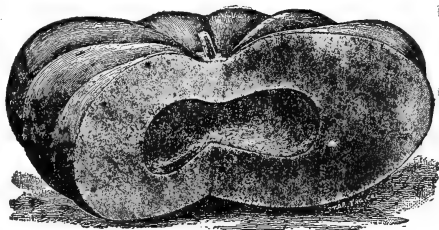
CONNECTICUT FIELD. Oz., 5c; ¼ lb., 10c; lb., 25c.

LARGE CHEESE. Its fine flesh and rich color make it valuable for table use. One of the best field pumpkins. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb. 65c.

THANKSGIVING.

A new
Pumpkin

of distinct shape and very thick, orange colored flesh. This pumpkin grows to a large size yet the seed cavity is remarkably small. It makes first-class pies for the Thanksgiving dinner. Packet, 5c;



THANKSGIVING PUMPKIN.

WINTER LUXURY. As a cooking variety and winter keeper it stands unequalled. It

It is nearly round, 9 to 10 inches in diameter; of a golden yellow color, netted like a muskmelon. Pkt., 5c., oz., 10c; ¼ lb., 25c; lb., 75c.

TENNESSEE SWEET POTATO. Pear shaped. Color of skin and flesh creamy white; flesh thick, when cooked resembles sweet potatoes. Keeps until late in spring. This is an old favorite pumpkin. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

SUGAR. An excellent small, round Pumpkin, with deep orange colored skin, flesh sweet and sugary. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

MAMMOTH TOURS. Grown chiefly for exhibition purposes and for stock feed. It grows to an enormous size, frequently weighing over one hundred pounds. Skin salmon color, flesh yellow; keeps a long time. Pkt., 5c; oz., 10c; ¼ lb. 30c; lb. \$1.00.

..RADISH..

RETTIG, Ger.
RADIS, Fr.

1 oz. to 100 ft. of drill; 9 or 10 lbs. per acre in drills.

The growth must be rapid to insure those qualities upon which the Radish depends for excellence, viz.: crispness, succulence and mildness of flavor. A fine, dry, sandy loam, enriched and made light with well-rotted manure and a liberal dressing of salt is best adapted for the purpose, all heavy soils producing directly the opposite results from those desired.

For an early supply sow in a hot bed in February, care being taken to give abundant ventilation to prevent running to leaves. For open air culture and succession, sow from middle of March until September at intervals of a week or ten days.

✓ EARLY SCARLET TURNIP, White Tipped, Forcing Strain.

THIS Radish, beautiful in form and of handsome appearance, is *extremely early*, being ready for use in two or three weeks after planting. On account of its *small tops* this radish can be grown planted very closely together. Desirable for hot bed and greenhouse planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

EARLY SCARLET TURNIP, White Tipped. Among the Chicago gardeners this is by far the most popular early Radish, or for planting in succession. Tops and roots both small, skin bright scarlet shaded to white at the tip; flesh white, mild and crisp. An ornamental variety of quick growth, desirable for forcing. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

EARLY SCARLET TURNIP. A round, deep scarlet variety, desirable for general use. Flesh white, mild and crisp when young. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

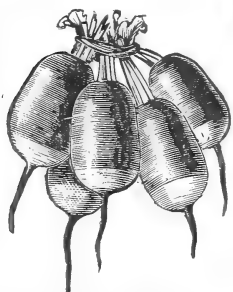
EARLY WHITE TURNIP. Same as above, except in color. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

WOOD'S EARLY FRAME. Fully ten days earlier than Long Scarlet, shape not quite so long. An excellent forcing or early market sort. Color, scarlet; fine flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

LONG SCARLET, SHORT TOP, Improved. The standard sort for out-door culture in private gardens and for market. Root 6 to 9 inches in length, straight and smooth, growing half out of the ground. Color is brilliant scarlet. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

NE PLUS ULTRA. A very superior *early, forcing* Radish. It will mature in 13 to 20 days. The tops are quite small, the roots are globular with deep red skin; flesh white, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

EARLY YELLOW TURNIP. A most delicious radish. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.



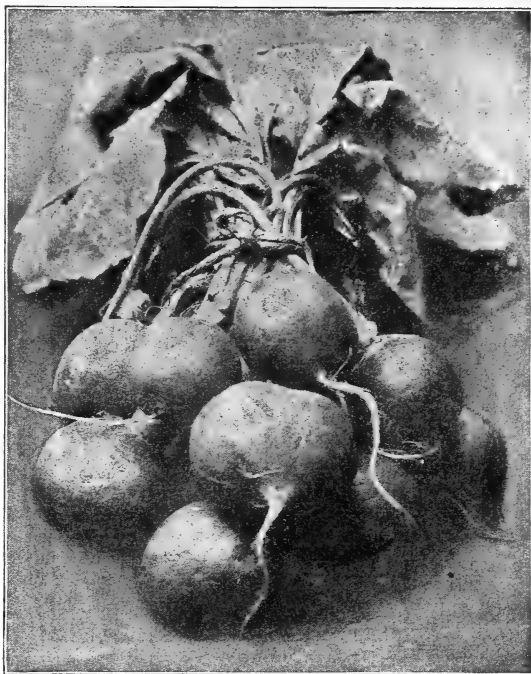
FRENCH BREAKFAST.

NE PLUS ULTRA.

EARLIEST CARMINE OLIVE. A new, distinct and beautiful variety of great forcing value. The roots are crisp and tender, much larger than those of the turnip sorts, while the tops are far smaller. A most valuable variety for the enterprising market gardener. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

EARLY ROUND DARK RED. This new radish is one of the *quickest growing* and *handsomest extra early* varieties in cultivation. Its richness of the color of skin, crispness, and oval shape makes it one of the most attractive. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

FRENCH BREAKFAST. Skin scarlet on the body and white at the extremity; flesh white, tender and mild. Of rapid growth. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

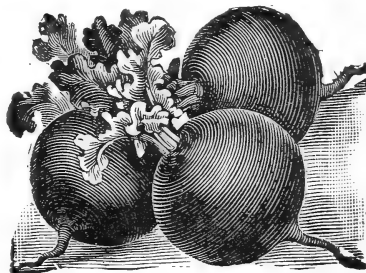


EARLY SCARLET GLOBE.

✓ EARLY SCARLET GLOBE. Market Gardeners' Improved Strain.

WE illustrate a bunch of Scarlet Globe Radishes (made from a photograph) raised by one of our local gardeners. This Radish forms large, handsome, bright scarlet roots. For forcing under glass in the greenhouse, hot-beds or cold frames there is no better paying variety than this, and it sells better than most others. In flavor it is mild, crisp, juicy and tender. It makes a small top and will stand a great amount of heat without becoming pithy. Sown in the open ground in early spring it will produce radishes 5 or 6 days ahead of all others. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

ROSY GEM. It is one of the very earliest in cultivation; globular, with rich, deep scarlet top, blending into pure white at the bottom. Exceedingly tender, crisp and delicious, very desirable for forcing, being fit to pull in three weeks from sowing. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.



EARLY ROUND DARK RED.

RADISH—Continued.

PHILADELPHIA WHITE BOX. A white turnip-shaped radish of extra fine quality. Its short top and rapid growth make it most suitable for growing under glass, in frames or boxes, as well as for early sowing in the open ground. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

BRIGHTEST LONG SCARLET, or Cardinal. This fine French variety is of strikingly beautiful appearance. Color, vivid scarlet tipped with white, and for so long a radish is *very early*, being fit for use in twenty-five days after sowing the seed. Excellent for the home garden and especially desirable for market. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

IMPROVED CHARTIER. A long and unusually large American sort, which is one of the very best for outdoor sowing. Roots bright crimson in upper portion, shading into white at the tip. Comes in quite early, remaining crisp and mild much longer than many others. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

LONG WHITE VIENNA, or Lady Finger. Straight, smooth, white roots; fine grained, white flesh; tender, crisp and juicy. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

GIANT WHITE STUTTGART. Root very large, heart-shaped, and of vigorous, quick growth, maturing in five weeks; skin and flesh white, the latter constantly brittle and mild flavored at all stages of development. Remarkably slow in running to seed, even in severest heat. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

WHITE STRASBURG. This variety is now the **most popular summer radish** grown. Of handsome oblong shape, tapering beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender, and of a delightful, pungent taste. It can be pulled five weeks from time of sowing the seed, yet it will continue to grow without losing its fine quality, and remains in a tender condition longer than any other summer sort. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

...RHUBARB...

A deep, rich soil is most suitable for Rhubarb. It is usually propagated from divisions of the roots. Seed may be sown in drills an inch deep, the young plants being afterwards thinned out to six inches apart. In fall, reset the young plants into highly manured, deeply dug soil. Do not cut the leaf stalks until the second year, and never allow the plants to run to seed.

VICTORIA. Leaf stalks very tall and large, frequently weighing 2 pounds each. Skin thick and red-stained. Pulp quite acid. Very productive and profitable for market gardeners. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

LINNÆUS. The earliest variety grown, and quite desirable for small market or family garden. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

RHUBARB ROOTS.

Set out in spring they will furnish leaf stalks the following season. We offer the largest variety only. *Small roots*, each 10c; doz., \$1.00, by mail postpaid. *Extra large clumps* by express or freight, each 15c; doz., \$1.50, not prepaid.

YELLOW SUMMER TURNIP. Very symmetrical and uniform; nearly round, with grayish-white skin, covered with a bright yellow russeting, which makes it very attractive. The flesh is compact, white and rather pungent. Quite popular with some growers. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

ROSE, OLIVE SHAPED. Skin rose-colored; flesh rose-tinted, tender and of excellent flavor. Very early. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

WHITE, OLIVE SHAPED. Similar to above, except in color, as the name indicates. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

Winter Radishes.

Sow about the same time as winter turnips, on light, rich soil, in drills eighteen inches apart; give frequent cultivation, and thin two to six inches apart, according to size of the variety. For winter use pull before severe frost, and store in damp sand in cellar.

CHINESE WHITE. A long, white radish, introduced into this country by the Chinese in California. Flesh tender and crisp. Keeps well throughout the winter. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

CHINESE ROSE. Skin very smooth and of a bright rose color. Flesh firm, crisp and pungent. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

LONG BLACK SPANISH. Black skin. Flesh white, firm and of excellent flavor. One of the hardiest and finest either for winter or summer use. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

ROUND BLACK SPANISH. Similar to above except in form. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

SUNFLOWER, Mammoth Russian.

The Giant of all Sunflowers.

Growing to double the size of the common sunflower, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at less expense than corn. Highly recommended for poultry; the best egg-producing food known. Lb., 20c, postpaid; not prepaid, 5 lbs., 50c; 10 lbs. 80c.

...SALSIFY...

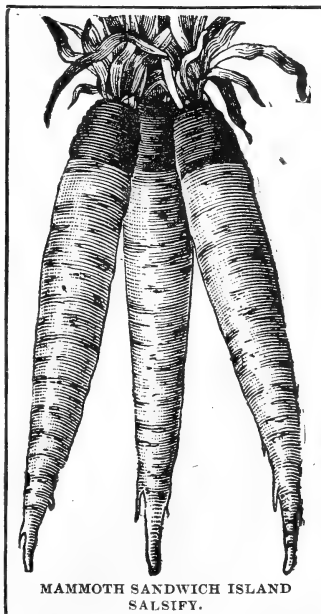
or VEGETABLE OYSTER.

HAFERWURZEL, Ger. SALSIFIS, Fr.
1 oz. for 100 ft. of drill.

Cultivated chiefly for its parsnip-shaped roots, which have an oyster-like flavor and prove relishable prepared in various ways, as for soups, salads, etc., or simply boiled and served plain. The young flower stalks of the second year form an excellent dish, prepared as asparagus, which they closely resemble in flavor.

Soil and culture should be the same as for Parsnips, taking pains to make sowings as early as practicable each spring.

MAMMOTH SANDWICH ISLAND. A new and improved type, producing roots of nearly double the size and weight of the old variety, and of equally good quality. It has been extensively grown for the markets of many of the large cities, entirely superseding the old sort. Packet, 5c; oz., 10; ¼ lb., 30c; lb., \$1.10.



MAMMOTH SANDWICH ISLAND
SALSIFY.

SPINACH.

SPINAT, Ger. This is an important crop for the market gardener. It is of easy cultivation.

EPINARD, Fr.

1 oz. for 100 feet of drill.
10 to 12 lbs. in drills per acre.

Sow for main crop in September, either broadcast or in drills one foot apart and one inch deep, in rich soil; the stronger the ground the more delicate and succulent will be the leaves. Protect during the winter with hay or straw. For spring and summer use, sow as soon as the ground can be worked, and every two weeks for succession. Makes delicious greens.

Write for special prices on large quantities.

BLOOMSDALE or Savoy Leaved. Of upright growth; leaves curled and crimped, thick and fleshy. Keeps well after cutting. Suitable for fall sowing. Oz., 5c; $\frac{1}{4}$ lb., 10c; lb., 35c.

LONG STANDING. Leaves dark green and thick. Not inclined to run to seed for a long time. Very popular with market gardeners. Oz., 5c; $\frac{1}{4}$ lb., 10c; lb., 35c.

THICK LEAVED ROUND. One of the best market sorts for spring or autumn sowing. Oz., 5c; $\frac{1}{4}$ lb., 10c; lb., 35c.

SQUASH.

SPETSE KURBIS, Ger. COWEGE, Fr.
/1 oz. for 50 hills, 4 to 6 lbs. per acre.

GOLDEN CUSTARD. Grows frequently two feet in diameter, larger than any of the scalloped sorts. Rich golden yellow. It grows in bush form. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

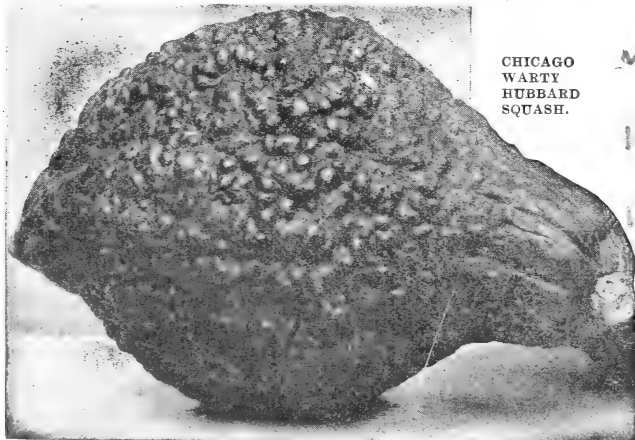
SILVER CUSTARD. Not quite so large as the foregoing. It is a delicate white color, and the quality of both sorts is of finest grade. Packet, 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

WHITE BUSH, Scalloped. This and the Yellow Bush, scalloped, are grown for first crop. Its hard rind makes it valuable for shipping. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

YELLOW BUSH, Scalloped. Differs from the white only in color. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

Chicago Warty Hubbard Squash. This

fine form of the Hubbard is a favorite one with many market men. It is striking in appearance and the warty knobs draw general attention. Having been selected for years by a Chicago gardener, it now combines all the good points of the original Hubbard, with rougher, harder warted shell, improved quality, thick flesh, finer color, stronger constitution. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.



CHICAGO
WARTY
HUBBARD
SQUASH.

WHITE BUSH SQUASH.

handsome appearance, and keeps a long time. In great demand by Chicago pie bakers, who prefer it to all others. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

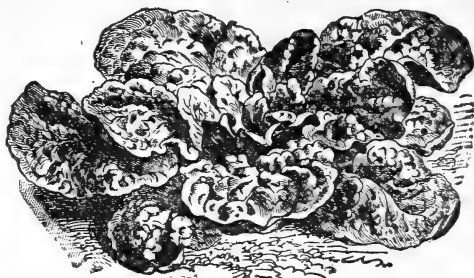
SIBLEY. One of the earliest and best of fall squashes. Pear shaped with stem on large end; flesh orange color, thick and fine grained. An excellent shipper and a long keeper. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

BOSTON MARROW. Oval form. Flesh, salmon yellow, dry grained and sweet. A splendid pie and table squash. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50.

ESSEX HYBRID. Ripens early. Cylinder form. Flesh solid, rich, orange colored. Can be planted after early peas or potatoes. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

HUBBARD. Regarded as the standard winter squash. Very hard shell; excellent keeper, the best for table use. Flesh dark yellow, fine grained, dry and sweet. Our seed is most carefully selected and will give satisfaction. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 85c.

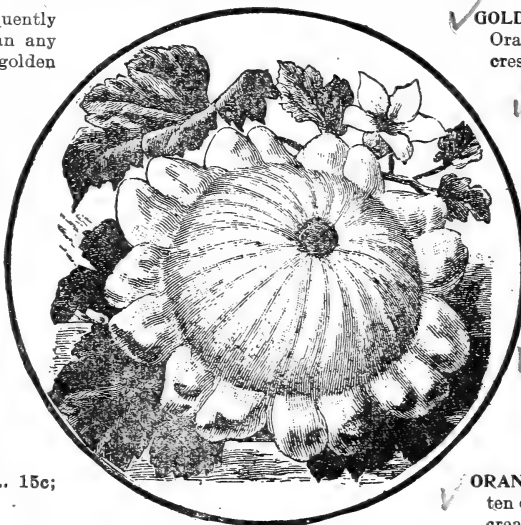
GOLDEN HUBBARD. Identical in form and quality with the well known Hubbard, except that the skin is a beautiful deep orange-yellow. Flesh fine grained and of excellent flavor. Packet, 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.



LONG STANDING SPINACH.

PRICKLY WINTER. Use for fall sowing as it is extremely hardy. Seeds prickly, leaves not so large as those of other varieties. Oz., 5c; $\frac{1}{4}$ lb., 10c; lb., 35c.

VICTORIA. Matures later than other sorts. Leaves broad and thick, very dark green, almost black. Whether grown for market or in the family garden it is sure to please. Oz., 5c; $\frac{1}{4}$ lb., 15c; lb., 40c.



GOLDEN SUMMER CROOKNECK.

Orange yellow covered with warty excrescences. Packet, 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

GIANT SUMMER CROOKNECK.

In this we have the buttery flavor of the original sort, but the squashes are twice the size. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

PERFECT GEM. Nearly round; skin, creamy white; flesh, fine grained. Bears great number of small squashes. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

FORDHOOK. Small, pearshaped or oblong; flesh thick, straw-colored. Very early. In cool room will keep until June. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

ORANGE MARROW. The earliest by ten days of the winter squashes. It is creamy orange in color; fine form,

TOMATO.

LIEBESAPFEL, Ger.
TOMATE, Fr.

1 oz. to 1500 plants; $\frac{1}{4}$ lb. to transplant per acre.

It thrives best in light, warm soil, not too highly enriched, and depends for highest excellence upon vigorous, unchecked growth in the early stages.

CULTURE. For early crops sow in hotbed, greenhouse, or inside the window or sitting room, where the temperature does not fall below 65 degrees, in February or March; transplanting—to secure stockiness—when three inches high, to pots, cold frames, or other parts of the bed, and about five inches apart. After all danger of frost is over, transplant finally to open ground, 4 to 6 feet apart, according to variety used. Earliness may be promoted by pruning off excessive growth.

Fordhook First.

A smooth, solid Tomato, red and purple, of handsome appearance. It is *extremely early*, ready to market nearly as soon as the old-time, unshapely fruited sorts. Medium size, tough skin, almost no core. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.

ACME. Improved Strain. Ripens early; of medium, uniform size; glossy red with purplish tinge; round and smooth, free from cracks. An excellent Tomato for market gardeners' use, as it ships well. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

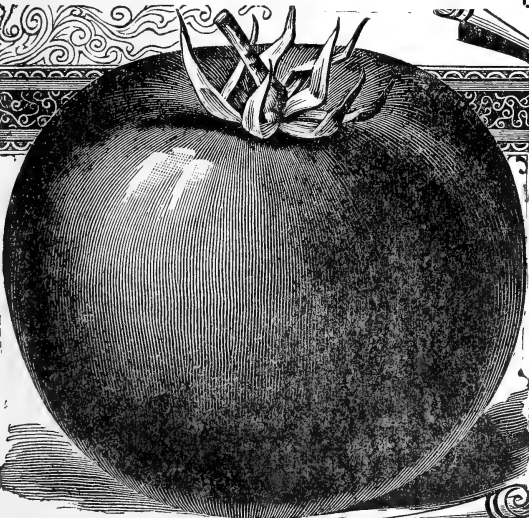
IMPROVED BEAUTY. A favorite both for the home market or shipping purposes. Medium early. Fruit round, smooth, crimson, with purplish tinge. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

BUCKEYE STATE. The tomatoes are borne in immense clusters of four to eight fruits, and, occasionally, ten large fruits have been found on a single cluster. In time of ripening, it matures about with the "Stone." In solidity and meatiness, it has no equal, while in luscious quality none surpass it. The color is much the same as "Beauty," but of a somewhat darker and richer shade. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

ROYAL RED. Very bright scarlet. Valuable for canners. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; b., \$1.75.

DWARF CHAMPION. Dwarf and compact in growth, the plants grow stiff and upright, with foliage unlike most others. Fruit in form and color like Acme. Recommended for the home garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

GOLDEN QUEEN. A real good yellow sort of *first rate quality*. On the table the golden yellow slices make a beautiful contrast with the red sorts. Makes splendid preserves. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.



BEAUTY TOMATO.



ATLANTIC PRIZE.

We do not hesitate to pronounce it the largest, smoothest, best flavored and brightest colored *earliest* Tomato. Vine medium size, with few leaves, very hardy bearing the fruit low down on the stem and in enormous clusters, *which ripen altogether*. Those whose trade demands that they have a large, smooth, good flavored, *very early fruit*, will find this variety to be just what they want. The seed we offer is carefully selected. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

CRIMSON CUSHION. This splendid new Tomato is more symmetrical in shape than the Ponderosa, and is much thicker through from stem to "blossom end;" in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. The "Crimson Cushion," like the Ponderosa, is almost seedless, requiring from 10 to 12 bushels of ripe fruit to produce one pound of seed. It is early for so large a Tomato and a prolific bearer. Flesh firm, meaty and of a superb quality. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.



RED CURRANT.

PARAGON. The first improved Tomato introduced and today there are many gardeners, canners and catsup makers who give this variety preference over all others. Ripens between the early and late sorts; fruit round as an apple, rich crimson, solid; an immense cropper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

PERFECTION. An improved Acme, with *blood red* skin, making it a valuable canning sort. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

PONDEROSA or No. 400. Handsome in appearance, smooth, of a dark, rich crimson color, and a delicious sub-acid flavor. Solid, almost seedless. Fruits somewhat rough; excellent for stewing. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$3.25.

STONE. One of the extra large fruited sorts, solid and firm-fleshed as its name indicates. Smooth, ripening to the stem without a crack; color, bright scarlet, fine for canning; quality, the very best. It is popular everywhere; no one finds any fault with Stone. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

TREE TOMATO. So called from growing in tree like form and bearing large, plump red fruit that is extremely solid, hard and of excellent quality. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$3.00.

SMALL-FRUITED TOMATOES.

Yellow Plum, Red Currant and Red Cherry. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

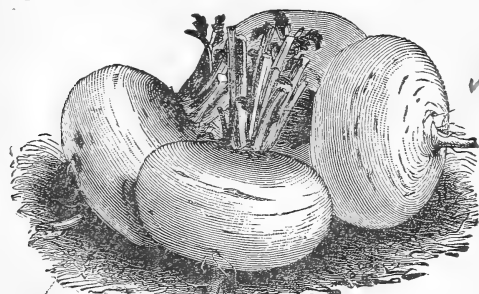
magnus

TURNIP.

WEISZE RUEBEN, Ger. NAVET, Fr.

1 oz. for 150 ft. of drill; 1 to 2 lbs. in drills der acre.

½ inch deep, and when of sufficient size thin the roots to 5 or 6 inches distant. For succession, sow at intervals of a fortnight. Sow if possible just before a rain.



WHITE FLAT DUTCH.

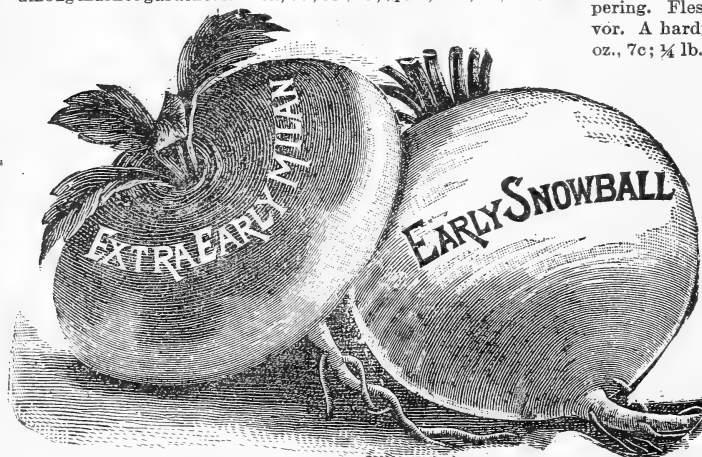
EXTRA EARLY PURPLE TOP MILAN. A splendid new strap-leaved variety that is ready for use fully two weeks earlier than the Purple Top Strap-leaved, and one week ahead of the Purple Top Munich. The bulb is of medium size, quite flat, smooth and has a bright, fresh purple top. The flesh is pure white, solid, fine-grained and of the choicest quality. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.

PRIZE PURPLE TOP STRAP LEAF. Tops small, bulb mostly above ground, of medium size and flat. Skin white below the surface and clear, bright purple above. Flesh white, sugary and remarkably well flavored. Very early, hardy and prolific. The leading standard, purely American variety. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

WHITE STRAP LEAF. A sub variety of the Purple Top Strap Leaf, from which it differs mainly in the coloring of the skin. Early, productive, of excellent quality and recommended for either field or garden culture. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 45c.

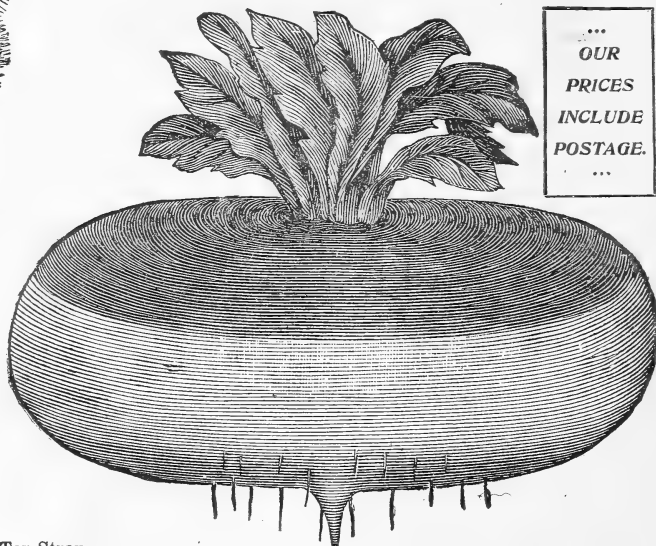
POMERANIAN WHITE GLOBE. A large and most perfect globe in shape; skin white and smooth. Of strong growth and one of the most productive varieties. Valuable for both table and stock. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 50c.

PURPLE TOP WHITE GLOBE. The name of this most excellent variety affords for it a very accurate description. It is an early and a heavy cropper as well as a good keeper. The bulb is a very handsome globe, and is especially in demand among market gardeners. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.



TURNIPS, MANGELS and CARROTS are much relished by all farm stock.

WHITE EGG. Tops small and rough-leaved. Bulb oblong and produced mostly out of ground. Skin pure white and perfectly smooth. Flesh firm, sweet and mild. Pkt. 3c; oz., 7c; ¼ lb., 15c; lb., 50c.



PRIZE PURPLE TOP STRAP LEAF.

EARLY WHITE FLAT DUTCH. Bulb of medium size and flat. Skin pure white. One of the surest croppers of the early garden sorts. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 45c.

WHITE SIX WEEKS OR SNOWBALL. Bulb of medium size and spherical. Skin white and smooth. Immature flesh, fine-grained, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

WHITE FLAT NORFOLK. Bulb round, flat. Flesh white, sweet and excellent for stock feeding. A late variety, often attaining extraordinary size. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 40c.

PURPLE TOP YELLOW ABERDEEN. Root round and tapering. Flesh pale yellow, tender, sugary and of superior flavor. A hardy and productive standard variety. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 45c.

RUTA BAGA.

KOHLRABI, Ger.

CHOU NAVET, Fr.

The Swedes are really preferable for stock feeding, on account of their superior nutritive as well as better keeping qualities. Some of the finest are desirable and popular for table use also. The ground should be dry and thoroughly enriched. The sowing at the North may be made from the middle of June to the middle of July: at the South in the fall. Space the drills 20 inches apart, and thin 10 to 12 inches distant. For preservation the roots may be packed in barrels in the cellar and covered with sand or turf, or placed in dry pits, underneath a thick coating of dry straw, the whole earthed over to a depth of some 10 in.

...
OUR
PRICES
INCLUDE
POSTAGE.
...

TURNIP, *Ruta Baga* or Swede.

AMERICAN PURPLE TOP. Tops very small. Bulbs large, having few, if any, roots. Skin deep purple above, bright yellow underneath. Flesh golden yellow, of fine texture, sweet and of richest flavor. Very hardy, unusually productive, and a good keeper; the principal variety being desirable for table use and stock feeding. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

SKIRVING'S PURPLE TOP. Flesh yellow, solid and sweet. A good keeper, Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

LAING'S IMPROVED PURPLE TOP. Leaves cabbage-like and large. Bulb nearly round. Skin smooth, yellow below and purple above. Flesh yellow, solid and of fine flavor. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

WHITE SWEET RUSSIAN. Bulb enormous. Flesh white, solid and rich in sugar. The best keeper of all the Swedes, and deservedly popular for both table and stock. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

TOBACCO.

TABACK, Ger. TABACO, Sp. TABAC, Fr.

Rich, sandy loam produces the best quality of leaf; heavy, new soils and green manures producing coarse leaf, which burns badly. Wood ashes and commercial potash fertilizers are the best for tobacco. The seed bed must be very light; it is well to burn a brush heap upon it some months before seeding.

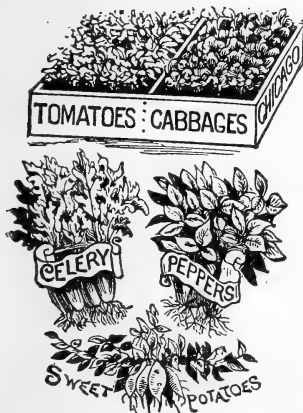
PRIIUS. The very earliest variety grown and one that succeeds well in Canada and the far North, where few kinds will ripen. Entirely new, choice, very productive. Leaves large, fibers fine, and texture silky. Packet, 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

CONNECTICUT SEED LEAF. Perhaps the variety best adapted to the climate of the Middle and Northern States, being comparatively hardy. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

IMPORTED HAVANA. Best of all for the manufacture of cigars, but inclined to deteriorate; hence the necessity of renewing the seed each year. Ours is a superior strain of Cuban grown stocks. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

...Transplanted Vegetable Plants...

THESE plants are grown from seed supplied by us, thus insuring genuineness of all the plants we offer. They are grown especially for our shipping trade and our method of packing is unexcelled. Our experience and knowledge enables us to ship in the right condition and at the right time, well packed and at short notice. Such knowledge is valuable to every buyer who can ill afford to take any risk of delay or of receiving poor plants in poor condition, when the season demands prompt work. **PRICES DO NOT INCLUDE PREPAYMENT BY MAIL.** If wanted by mail add 6 cts. per doz.; 12 cts. for 50; 20 cts. for 100.



	Doz.	50.	100.	1,000
CABBAGE. Early varieties, once transplanted. Ready April 1st		\$0.40	\$0.75	\$4.50
CABBAGE. Late varieties. Ready June 1st.....		.20	.30	1.75
CAULIFLOWER. Early varieties, once transplanted. Ready April 1st .....		.75	1.25	7.50
CAULIFLOWER. Late varieties. Ready June 20th.....		.30	.50	4.00
CELERY. Sheared back several times during growth. Ready July 1st.....		.30	.50	3.00
SWEET POTATO. Ready June 10th.....		.25	.35	2.50
TOMATO. Twice transplanted.....	\$0.20	.60	1.00	7.50
EGG PLANT. Twice transplanted. Ready May 15th.....	.25	.80	1.50	
PEPPER. Twice transplanted. Ready May 15th.....	.20	.60	1.00	

VEGETABLE ROOTS AND SETS.

ARTICHOKES. Jerusalem..... Bu.,	\$1.25.			
ASPARAGUS. Columb. Mammoth White, Conover's Colossal, Palmetto, 2 years old.....		1.00	6.50	
		.75	5.00	
CHIVES. Strong clumps. Prepaid each 25c; not prepaid 10c.				
GARLIC. Bulbs. Postpaid, per lb. 30c.				
HORSE RADISH. Slant cut ends .....	.20	.50	.75	6.00
RHUBARB ROOTS. Strong clumps, each 15c. Mailing size, each 10c.				
ONION SETS. Bottom Tops, Multipliers, etc., see special page.				

*** THREE VALUABLE TEXT BOOKS ON GARDENING. ***

GARDEN MAKING. A guide to daily practice in the garden, whether that garden be a city back yard or an enclosure of acres. It imparts in simple language such information as every man or woman who buys a single packet of seed or attempts to grow a single plant is in need of. Profusely illustrated. Bound in flexible cloth so it can be carried in the pocket. Postpaid, \$1.00.

THE YOUNG MARKET GARDENER. Is intended as a guide to beginners. It gives sound advice on construction of houses, pits, soils, profitable crops to grow, suggestions how to market. 119 pages. Paper. Postpaid, 50c.

THE FORCING BOOK: A manual of the cultivation of vegetables under glass. Valuable alike to the amateur or private gardener. 266 pages, 88 illustrations. Postpaid, \$1.00.

TREE, HEDGE AND FRUIT SEEDS.

Few investments made by farmers will return a larger profit in the course of a few years than the planting of forest trees on uncultivated land, or on land cultivated at a loss. The time is rapidly coming when land covered with our best forest trees will be of great value.

We quote the standard sorts only. Should you desire varieties not named in our list, write us and we will furnish at lowest possible prices. Prices given include postage paid by us.

CULTURE: Sow early in spring, in well prepared beds, about two inches deep. When the seeds begin to germinate cover the beds lightly with pine boughs to shade the young plants from the sun. When the plants are all up, the brush should be gradually removed, but replaced before winter sets in. Let plants remain in beds for about 2 years, then transplant into rows 2 ft. apart, leaving about 12 inches between each plant. Keep ground clear, and when plants are strong enough remove to their intended place.

NOTE.—Owing to the many causes for failure in the germination of Tree Seeds, we wish it distinctly understood that we cannot be held responsible for any loss or damages arising from any failure thereof. Orders filled on above conditions only.

FRUIT TREE SEEDS.

APPLE. Apple seeds do not produce the same varieties, but generally give a hardy, though inferior sort, and upon these seedlings are grafted or budded the finer varieties. Oz., 5c; lb., 30c.

CHERRY, MAHALEB. Used as stocks when dwarf trees are wanted. Culture same as the above. Oz., 10c; lb., 75c.

CHERRY, MAZZARD. This is the stock used for standard trees. Success is much more certain if the seed is planted in the fall, as it is very difficult to keep it in good condition through winter. Oz., 10c; lb., 60c.

PEACH. Plant three inches deep in nursery rows three feet apart, in the fall, or if delayed until spring, crack the pits and plant the kernels only. Bu., \$2.00.

PEAR. Success will depend very largely upon having a deep, rich, moist soil, as this is essential to vigorous growth. Plant and cultivate like the apple, and bud when large enough. Oz., 25c; lb., \$2.00.

PLUM. The directions given for planting apples will also apply to plums, except the pits should be planted further apart in the row. The varieties raised from seed will be hardy, vigorous stalks upon which to graft the choicer sorts. Oz., 10c; lb., 60c.

QUINCE. Quinces generally produce the same variety from seed, but occasionally vary. The general culture and requirements of soil are the same as for the pear, except that they are not budded. About 1,100 seeds per ounce. Oz., 20c; lb., \$2.00.

Seeds of Small Fruits.

It is a well-known fact that plants produced from seeds have greater vigor and are more prolific and hardier than plants propagated by cuttings, and this is especially demonstrated in small fruit plants raised from seed.

Seeds of Small Fruits are very slow to germinate and should be sown early.

RASPBERRY. Large fruited sorts mixed. Pkt., 10c; ¼ oz., 20c.

CURRENT. Mixed. Pkt., 10c; ½ oz., 30c.

BLACK CURRANT. Pkt., 10c.

BLACKBERRY. Mixed sorts. Pkt., 10c; ¼ oz., 20c.

GOOSEBERRY. English large-fruited. Pkt., 10c; ½ oz., 30c.

STRAWBERRY. Large-fruited, mixed. Pkt., 10c.

HEDGE SEEDS.

OSAGE ORANGE (*Maclura aurantiaca*.) Sprout the seed before planting, putting into a vessel and covering with warm (not hot) water. Keep in a warm place, and change the water once a day. Let the seed soak about five or six days, then pour off the water and cover the vessel with a cloth. Keep in a warm room and stir the seed occasionally. In a few days more the seed will begin to sprout and be ready for planting. Oz., 10c; lb., 50c.

EVERGREEN TREE SEEDS.

AMERICAN ARBOR VITÆ (*Thuja occidentalis*.) Seldom over thirty feet high. Grows well under cultivation, and makes one of the best hedges for a screen and wind break. It is best grown from seed. Oz., 20c; lb., \$2.00.

BALSAM FIR (*Abies balsamea*.) Oz., 15c; lb., \$2.00.

CEDAR, RED (*Juniperus Virginiana*.) Oz., 10c; lb., 50c.

HEMLOCK (*Abies Canadensis*.) One of the most beautiful of our native evergreen trees. Of graceful habit, with graceful and delicate foliage. The bark is used very extensively for tanning leather. Needs a light, dry soil. Oz., 15c; lb., \$1.25.

SCOTCH PINE (*Pinus sylvestris*.) Very hardy; grows surely and rapidly on nearly every variety of soil, forming a beautiful tree; invaluable for a wind break. Oz., 20c; lb., \$2.00.

WHITE, OR WEYMOUTH PINE (*Pinus strobus*.) The most majestic and valuable of all our native pines; thrives best in light sand with clay subsoil, and prefers plains and broad river valleys to higher lands. Oz., 25c; lb., \$3.00.

NORWAY SPRUCE (*Picea excelsa*.) Well known as one of our most beautiful evergreen trees. It is hardy, of rapid growth, and forms a dense, close screen or hedge. Oz., 15c; lb., \$1.50.

COLORADO BLUE SPRUCE (*Picea pungens*.) Makes beautiful specimen trees. Oz., 50c; lb., \$8.00.

Deciduous Tree Seeds.

WHITE ASH (*Fraxinus Americana*.) Requires a moist, deep soil, on which it will grow very rapidly. It deserves special attention from those who wish trees for timber. Oz., 10c; lb., 60c.

WHITE BIRCH (*Betula alba*.) Valuable for ornamental planting. Cover seed very lightly. Oz., 10c; lb., 75c.

BOX ELDER, OR ASH LEAVED MAPLE (*Acer negundo*.) Very rapid grower, seldom attaining more than 30 feet. Oz., 10c; lb., 60c.

SOFT MAPLE. Ripens in May. Can give prices at that time only.

YELLOW LOCUST. (*Robinia pseudo-acacia*.) This tree grows rapidly and its wood makes first class posts and railroad ties. Oz., 10c; lb., 50c.

SUGAR MAPLE (*Acer saccharinum*.) One of our highly prized native trees. Oz., 10c; lb., \$1.00.

HARDY CATALPA (*Catalpa speciosa*.) Scarcely a tree on our list can be so strongly recommended as this for planting on the treeless prairies of the Western states. Oz., 10c; lb., 80c.

ELM, AMERICAN (*Ulmus Americana*.) A tall-growing, well-known native tree. Oz., 20c; lb., \$2.00.

HONEY LOCUST (*Gleditsia triacanthos*.) On account of its rapidity of growth and durability of the timber, we regard this as one of the most valuable of our native trees. It is valuable for hedges also. Scald seeds before sowing. Oz., 10c; lb., 50c.



Selected Farm Seeds.

We make a specialty of Farm Seeds, and are at all times prepared to furnish the Best Varieties of Corn, Oats, etc., at such prices that it will not pay any one to plant inferior seed. **PRICES INCLUDE BAGS.**

Barnard's Early Yellow Dent Corn.

A LARGE-EARED, EARLY, 90-DAY CORN.

We repeat the words "A LARGE-EARED EARLY CORN," and they seem almost a sufficient description in themselves, to gain the attention and favor of hundreds of farmers, situated in latitudes where later, valuable varieties will not ripen; or with those who for any reason may wish to make a late planting and yet feel sure of a crop. These words do not, however, express all the merits of this truly remarkable new variety. It possesses the money making quality PRODUCTIVENESS. Its habit of setting two to three ears to the stalk and of maturing them, result in an agreeable surprise to those who have cultivated the less thoroughly bred earlier corn. The characteristic of GREAT YIELD is made apparent upon shelling; the grains are very deep and set compactly upon the cob, which is extremely small in diameter, but of good length—eight to ten inches.

The ears are smooth and handsome, the kernels have none of the rough sharp points, so objectionable in many of the early corns. This is a feature which will be greatly appreciated by the huskers. The plant is vigorous, well supplied with foliage, roots deeply, enabling it to withstand adverse conditions of soil and weather.

This is not a chance variety but the result of scientific selection and hybridizing with a definite object in view, which has been attained in this large-eared early variety. Its record is ninety days of good corn weather from date of planting to maturity and entirely out of the frost danger.

If you are seeking an

EARLY, PRODUCTIVE,
HANDSOME,
HARDY, PROFITABLE,
SMOOTH KERNELED,
YELLOW CORN,

you have it in

**BARNARD'S
EARLY
YELLOW
DENT....**

Pkt., 10c.; qt., 35c.
postpaid; pk., 50c.;
bu., \$1.50; 5 bu. for
\$8.75; bags included.



**A...
Pleased
Customer**

IS OUR BEST
ADVERTISEMENT

FRED PFAFF, Wis., writes:

"Planted your corn the 20th of May. Heavy rains early in June gave it a set back. Later it picked up and many stalks set two ears. It was killed by frost middle of September. Its yield was about 80 bu. to the acre. It is a nice corn and I will try it again next year."

R. E. JANES, Ind. "I planted your corn in two fields. Six acres planted May 20th on light soil gave 40 bu. to the acre. Dry weather in August was against it. 2½ acres planted in June on low, black land was cut and shocked 28th Sept. It made 50 bu. per acre. The corn is sound with ears from eight to ten inches in length."

H. ALEXANDER, Oregon, reports: "The worst year in 30 in this state for corn. Planted Barnard's Yellow Dent May 16. Made good stand and growth with 3 or 4 ears on many stalks. Cold rains in August and September prevented corn ripening."

FRED DIEHL, Wis. sends this: "We had a very early frost. I learned your corn is not too late for this part of Wisconsin. Corn was almost a failure in this part. I will plant yours again next season, and I know if season is favorable I will get good crop."

F. A. DEWITZ, JR., Wis., says: "The yield of Yellow Dent Corn was 50 bu. from ¾ acre. The stalks are 10 to 12 feet long and are greatly relished by cattle. More than any kind I ever had. I'll try it again next year."



SEED FIELD CORN—Continued.

The varieties named below are among the very best now in general use. At these very reasonable prices no one can afford to take risks with inferior seed

A few cents per acre, invested in selected seed corn, will often make a difference of hundreds of dollars in the value of the crop.

Prices include Bags.

WHITE ELEPHANT CORN. See page 16.

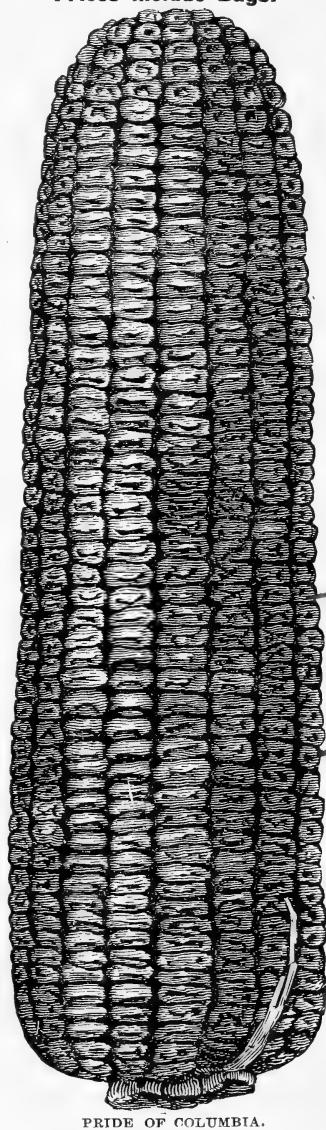
PRIDE OF COLUMBIA.

In the Pride of Columbia we have a corn that matures extremely early and is exceedingly prolific, with very small red cob. Grain of a bright yellow color; ears averaging 10 inches in length; uniform in shape; small tapering, deep kernel, dented, somewhat rough; 16-rowed, compactly placed on cob. Seventy pounds of ears have on several tests shelled sixty-two and sixty-three pounds of corn. Makes a much more luxuriant growth of fodder than Pride of the North. This makes it more valuable as a drouth resister and more desirable for ensilage. It outyields Pride of the North 10 to 20 bu. per acre. A valuable corn for hog raisers because of its early earing habit. Pkt., 10c.; qt., 25c., postpaid; pk., 35c.; bu. \$1.00, not prepaid.

PRIDE OF THE NORTH. This is undoubtedly the best known of the early Yellow Dents. Ears 8 to 10 inches in length and 1½ inches in diameter. Kernels closely set, above medium size, long, narrow, thin, of deep orange color, shading to pale yellow at the tip. Cob very small and red. In a test, 70 pounds of ears, not selected and but imperfectly dried, produced 60¾ pounds of shelled corn and only 9¼ pounds of cobs, instead of 14 pounds, the usual proportion. Stalks about medium height, 6 to 8 feet. Pkt., 10c.; qt., 25c., postpaid; pk., 35c.; bu., \$1.00, not prepaid.

BARNARD'S EARLY YELLOW DENT CORN. See page 49.

WHITE CAP YELLOW DENT. This now famous corn possesses the earliness of *Pride of the North*, and will produce a greater yield on thin, poor land than any other corn. Grows about 6 to 7 feet in height, with abundant foliage and fine large ear. The tip ends of the grains are white, the inside yellow, making it of a beautiful color both when on cob and when shelled. It ripened and produced an enormous crop in the State of New York. Pkt., 10c.; qt., 25c., postpaid; pk., 35c.; bu., \$1.00, not prepaid.



PRIDE OF COLUMBIA.

IOWA GOLD MINE.

It is early, ripening only a few days later than *Pride of the North*; ears are of good size and symmetrical; color a bright golden yellow; grain is very deep, cob small, and therefore dries out very quickly as soon as ripe. Seventy pounds of ear corn makes sixty to sixty-two pounds of shelled corn. Give this corn a trial and you will never regret having done so. Pkt., 10c.; qt., 25c., postpaid; pk., 35c.; bu. \$1.00, not prepaid.

IOWA SILVER MINE. Matures in about 100 days in the Illinois corn belt, say south of Chicago. The stalks grow to a height of 7 or 8 feet and set the ears about 3½ to 4 feet from the ground. The ears measure from 10 to 12 inches in length, and often weigh 1½ pounds. They are very uniform in size and shape, with 18 to 20 straight rows of deep, pure white kernels on a very small cob. It is the heaviest yielder we know, having produced over 200 bu. to the acre. Pkt., 10c.; qt., 25c., postpaid; pk., 35c.; bu. \$1.00, not prepaid.

YELLOW FLINT. An exceedingly heavy and productive variety. It grows to a good height, the stalks making excellent fodder. Ears 8 to 10 inches in length, cob white, 8-rowed, with large and broad kernels. Pkt., 10c.; qt., 25c., postpaid; pk., 50c.; bu. \$1.50, not prepaid.

IMPROVED KING PHILIP. Very early. Ears 10 to 12 inches. Kernels copper-colored, smooth and flinty. Pkt., 10c.; qt., 30c., postpaid; pk., 50c.; bu. \$1.50, not prepaid.

SANFORD'S WHITE FLINT. Handsome, large and well filled kernels. Pkt., 10c.; qt., 25c., prepaid; pk., 50c.; bu., \$1.50, not prepaid.

🌽🌽🌽 BROOM CORN. 🌽🌽🌽

IMPROVED EVERGREEN. The best variety for general cultivation because of color and quality of brush. It ripens early, grows about 8 to 10 feet high. Brush of good length, fine and straight. Does not get red before it is cut, but is strictly a green variety. Lb., 25c., postpaid; pk., 60c.; bu., \$2.00, not prepaid.

ENSILAGE AND FODDER CORN.

If planted in drills, which should be about three and a half feet apart, 12 to 16 quarts per acre are required. If sown broadcast, 2 to 2½ bushels are required to the acre.

These prices include bags and delivery to depot.

SWEET CORN FOR FODDER. There is nothing better for green feed, or for curing for winter, than Sweet Corn. Sow in drills or broadcast. Pkt., 50c.; bu., \$1.50; 2 bu., \$2.50; 10 bu., \$1.10 per bu., bags included.

RED COB ENSILAGE. A most desirable variety, adapted to all sections of the country. Pkt., 25c.; bu., \$1.75.

LARGE, WHITE SOUTHERN ENSILAGE. A most desirable variety for its purpose. Leaves are produced in abundance. Pkt., 35c.; bu., \$1.00.

COW PEAS—The Great Soil Improver.

🌱🌱🌱 Makes poor land rich. Makes good land more productive. Also makes a splendid and nutritious green forage or hay crop, enriching the soil even when the crop is cut off.

Green crops plowed under are one of the cheapest methods of enriching the soil. Cow Peas are invaluable for the purpose as well as providing a large amount of fodder. They should be sown in May or June at the rate of 1½ bu. to the acre. The pods may be removed, dried and the grain ground, and the plants plowed under. The stalks and leaves fed green make excellent fodder. Cow peas should be grown to a much greater extent than at present. Pint, 10c.; qt., 35c., prepaid; pk., 50c.; bu., \$1.75, not prepaid.

SUGAR CANE, FORAGE PLANTS, ETC.

Just as the human appetite craves a change in the daily rations, so does the farm stock enjoy with relish a change in their food, the result being an improved appetite and increase in growth. The forage plants offered on this page have all been tried and proven good. They are excellent either as green or dry feed.

CANE or SORGHUM.

EARLY AMBER. Wherever this has been introduced it gives entire satisfaction as a profitable crop fodder, as well as for sugar making. When planted between the 1st and 10th of May the seed invariably ripens in almost any section of the country. The seed is very nutritious and valuable for horse and cattle food, and is greedily eaten by poultry. It is by far the best variety for sugar. The syrup obtained from the cane is a pale amber color, hence the name. Pkt. 5c; lb., 15c; postpaid; 25 lbs. for \$1.00; 100 lbs., \$3.00, not prepaid, bags included.

KANSAS ORANGE. This is the most popular variety grown in the South. Its habit is similar to Early Amber, and it is constituted to endure Southern summer heat. South of Illinois this is the Sugar Cane to plant. Pkt., 5c; lb., 15c., postpaid; 25 lbs. for \$1.00; 100 lbs., \$3.00, not prepaid, bags included.

WHITE MILLO MAIZE. A variety of sorghum non saccharine. The merit of this variety is that when cut for feeding it starts again from the stumps with renewed vitality. It endures dry weather and will make a crop where corn would be a failure. It bears grain in heads ten to fifteen inches long. Large pkt., 5c; lb., 20c., postpaid; 10 lbs. for 50c; 25 lbs. for \$1.00; 100 lbs. for \$3.00, not prepaid, bags included.



DWARF ESSEX RAPE.

DWARF ESSEX RAPE.

DWARF ESSEX RAPE is considered indispensable by the sheep and cattle farmers of Great Britain, and is fast coming into use in this country on account of its rapid growth, being ready to feed in ten weeks from sowing, and producing twenty-five to thirty tons of green forage to the acre. It grows to a height of three feet and covers the surface so densely as to smother out all weeds and to kill quack and other objectionable grasses. It can be sown all through the season, being perfectly hardy, withstands drouth, and will produce a crop in any soil by sowing broadcast at the rate of five pounds to the acre, or in drills or rows two feet apart at the rate of three pounds per acre. While unequaled as a pasture for sheep, as a fattening food for all kinds of live stock it is without a rival in point of cheapness or effectiveness. Oz., 5c; lb., 20c, postpaid. By express or freight, not prepaid, 10 lbs., 75c; 25 lbs., \$1.75; 100 lbs., \$6.00, bags included. Write for prices in larger quantities.

VETCHES or TARES.

SPRING TARES. A species of the pea, grown by nearly all farmers in the British Islands and to a considerable extent in Canada. For spring planting this variety, known as (*Vicia sativa*) is sown broadcast at the rate of 100 lbs. per acre, like wheat or barley. It can be cheaply raised, fed green, or ensilaged. Where land is not adapted to hay or is expensive, or pasturage is poor or costly it would pay to grow Vetches as a forage crop. Pkt., 5c; lb., 20c., postpaid; 10 lbs. for 75c; 25 lbs. for \$1.50; 100 lbs., \$5.50, not prepaid, bags included.

SAND or WINTER VETCH. (*Vicia villosa*.) This variety thrives on poor, arid, sandy soils. It is sown either in fall or in spring, and generally mixed with rye, which serves as a support to the plants. It grows to a height of from 3 to 4 feet, and can be cut twice for fodder, first as soon as the bloom appears, and then it can be again cut for the seed. The plant is perfectly hardy and the produce is recommended as most nutritious. The seed is black and perfectly round, and should be sown at the rate of 100 lbs. to the acre. Pkt., 10c; lb., 25c., postpaid; 10 lbs., \$1.25; 25 lbs. for \$2.75; 100 lbs., \$10.00, not prepaid, bags included.

CHUFAS, or Earth Almond. Very sweet and nutritious. Pkt., c; qt., 35c., postpaid.



KAFFIR CORN.

KAFFIR CORN

Is now successfully cultivated for both forage and grain in all sections of the United States.

It will make a fine crop of forage if cut in early bloom, and the shoots that then follow will mature a full crop of seed and forage. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. There is no failure about it, as it possesses the quality that all the tribe possess, of waiting for rain without any loss of capacity to yield. The grain makes a flour that is like wheat. Cultivated the same as our common Indian Corn, requiring

four to five pounds of seed per acre. By mail, postage paid, pkt., 5c; lb., 15c; by freight or express, 10 lbs for 40c; 25 lbs. for 75c; 100 lbs., \$2.50, bags included.

WILD RICE. (*Zizania Aquatica*.)

A native plant furnishing food for wild fowl, ducks, geese, etc. This seed can be sown on the borders of lakes, ponds, along small streams, and grows very rapidly in one foot to four feet of water, attracting all of these wild birds from September on. It also purifies the water and affords a refuge for the small fry from the large fish. Lb., 35c., postpaid; 5 lbs., \$1.00; 10 lbs. and over, 18c. per lb.

FLAX. When grown for seed sow one bushel per acre. If fibre is wanted, sow at the rate of two to three bushels. The soil should be well cultivated. Lb., 10c; 100 lbs., \$4.00. Book on Flax Culture, 5c.

SEED GRAIN. GROWN EXPRESSLY FOR SEED CAREFULLY RECLEANED and SELECTED.

Prices on Seed Grain subject to market changes. We make no charge for bags, nor delivery to depots. Purchaser pays freight in all cases.

WHITE HULLESS BARLEY.

A grand Barley for stock feeding, for fattening hogs has no equal. Plump, heavy kernels, which when threshed are hullless, like grains of wheat. Lb., 25c., postpaid. Peck, 50c; bu., \$1.50, not prepaid.

MANSHURY BARLEY.

The best 6-rowed Barley grown. Long heads, drooping with heavy grain that is considered superior for malting. It is early and a heavy yielder. A standard all around sort. Lb., 20c. postpaid. Peck, 40c; bu., \$1.00 not prepaid.

BUCKWHEAT.

JAPANESE. The variety is rapidly displacing all other sorts of Buckwheat. It ripens early and has much larger grains than all others. In shape the kernels are peculiar and distinct. Color a dark brown. It manufactures a superior flour. Pkt., 5c; lb., 20c, postpaid. Peck, 40c; bu., \$1.25, not prepaid, bags included.

SILVER HULL. Grain silver gray in color. Sown at same time as common buckwheat this variety continues in bloom longer and yields nearly double. Pkt., 5c; lb., 20c, postpaid. Peck, 40c; bu., \$1.25, bags included, not prepaid.

COMMON BUCKWHEAT. *Selected seed.* Pkt., 5c; lb., 20c, postpaid. Peck, 30c; bu., \$1.00, not prepaid.

CHOICE SEED OATS.

LINCOLN. One of the best oats. The following are a few of its points of excellence: It is *very early*, and has thus far proved itself rust proof. It has given wonderful results as a yielder, in one instance 174 bushels were grown from one bushel of seed. Straw is stiff and strong. Grain is handsome and is valuable for feeding as well as grinding for oatmeal on account of its *thin hull, heavy meat and soft nib*. Lb., 15c; 3 lbs. for 40c, postpaid. Peck, 25c; bu., 75c; 5 bu. for \$3.00; bags included, not prepaid.

NEW ZEALAND. This oat takes its name from the country from which it came. It is a white side oat, of medium size, with heavy heads of about 100 grains each. In Iowa, where other sorts were badly rusted, the New Zealand was almost entirely free. Has tested 40 lbs. to the measured bushel without recleaning. Lb., 20c; 3 lbs. for 50c, postpaid. Pk., 25c; bu., 75c; 5 bu. for \$3 25; bags included, not prepaid.

BLACK TARTARIAN. A Canadian black oat that is adapted to all soils. Where one wishes to change seed this is a good variety to sow. Grain large and plump. Lb., 20c; 3 lbs., 50c, postpaid. Pk., 35c; bu., \$1.00; 5 bu. for \$4.50, bags included, not prepaid.

HIGH GRADE SEED WHEAT.

VELVET CHAFF BLUE STEM (Spring). A distinct variety, having white, velvet-like chaff; heads beardless. The stem, just below the head, when green, is a beautiful blue bloom, which disappears as the wheat ripens, both wheat and straw assuming a bright golden tint. The kernel is of the hard variety, similar to the Scotch Fife, but is far more productive and one of the best spring wheats for milling; entirely free from rust. Pkt., 5c; lb., 20c, postpaid. Pk., 50c; bu., \$1.50.

SASKATCHEWAN FIFE (Spring) has all the general characteristics of Scotch Fife, from which it is descended by careful selections. It excels in earliness, hardiness, productiveness, and freedom from smut and all diseases. It is highly endorsed by leading wheat growers. Pkt., 5c; lb., 20c, postpaid; pk., 50c; bu., \$1.50.

HYBRID MEDITERRANEAN WHEAT (Winter). A well-known Winter Wheat. It produces large, square heads, with four rows of grain, having short beards. The straw is stiff, of medium length, bronze at maturity. This grain is of a handsome amber red color, hard and flinty, making excellent flour. We recommend it as one of the surest and best for ordinary farms and conditions. Pkt., 5c; lb., 20c, postpaid; pk., 50c; bu., \$1.50.

RYE.

SPRING. This variety has been developed simply by planting Winter Rye in the spring and selecting the seed so procured for several years. The standard variety for spring planting. Pkt., 5c; lb., 20c, postpaid. Pk., 30c; bu., \$1.00, not prepaid, bags included.

WHITE WINTER. Much prized for its straw, also for plowing under as a green manure. The ordinary fall sown variety of which we offer selected stock only. Pkt., 5c; lb., 20c, postpaid. Pk., 30c; bu., \$1.00, not prepaid, bags included.



NEW ZEALAND OATS.



VELVET CHAFF WHEAT.

Doubling the yield doubles the dollars. Do this by planting . . .



Our New Alaska Oats



Try an acre of the **ALASKA**. You could not place a few dollars where they would do you as much good. . .

The **ALASKA** possesses great flexibility of constitution, will adapt itself to all soils, conditions and climates. Try where you will it is impossible to find a variety that has such a marvelous record.

Earliest

The Alaska oat can be cut and thrashed before other varieties are ready for the harvest. Earlier than the earliest.

Hardiest

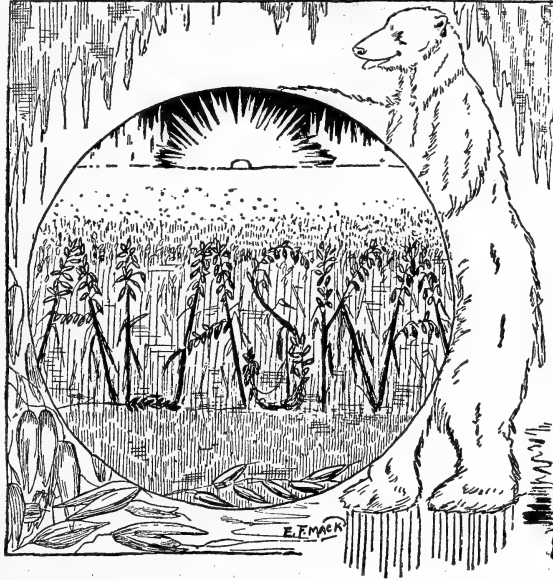
Any grain that will stand the test of the most rigorous climate where these oats have been grown cannot fail to be the hardiest.

Most Prolific

Wonderfully productive. Yielding two bushels to one of any oat it has competed with. This variety will certainly increase the yield of the oat crop 100 per cent.

Strongest Straw

Can be grown on the richest land without danger of lodging. Wonderfully stiff straw, standing up on any soil.



Purest Color

Beautifully white grain, insuring the highest market price in any market in the world.

New Blood

It possesses more new blood, vigor and vitality than any oats ever introduced.

Heaviest Grain

The grain weighs 40 to 44 pounds to the measured bushel of bright plump white oats. A magnificent variety for milling purposes.

Withstands Drought

Will stand more continued dry weather than any other sort. Grows right along in any and all kinds of weather and always yields big crops.

Quality

Most excellent quality, will make better and more oatmeal than any known oat. Best feeding oats in the world.

When you consider the enormous expense necessarily attached to securing this magnificent variety and the great demand for it the prices quoted are low. Stock is limited and orders should be placed early. You should have no difficulty in disposing of your entire crop at \$1.00 per bushel for seed purposes. We want to give these oats a wide introduction and for that reason have put the price down. **Price, \$1.00 per bu.; 3 bus. for \$2.50, bags included.**

..Mixture of Grasses for Meadows and Permanent Pastures..

SPECIAL NOTICE.

In the preparation of these mixtures for permanent pasture and mowing, the greatest care is exercised in selecting such varieties as are suited to the soil to be laid down and are likely to realize the object in view. To facilitate this, a description of the soil, whether light, medium or heavy, also climate, and purpose for which sown, and if with or without a crop, should accompany each order. . . .

Sow three bushels of Grass Seeds and 10 pounds of Clover to the acre. . . .

For every different kind and condition of soil there is a large number of grasses, indigenous or introduced, which are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early, and others so late, that from the beginning of spring until winter, there is no time when one species or another is not at its best.

It is a well known fact that grass countries are always prosperous, and there is ample and just reason why this should be so. Grass and clover culture brings in its train so many benefits to the farmer. There is the permanent improvement of the soils had by the splendid nitrogen-gathering qualities of the clovers; the permanent pastures, the green food and the hay crops. A market is always ready for hay, and the grazing possibilities of grasses are too well known to require elaboration here.

The importance to the farmer of a good selection and proper mixture of Grass Seeds for mowing, permanent pasture, or other purposes cannot be over-estimated. Our Grass and Clover Seeds have been sown season after season with great profit and satisfaction to thousands of our customers. Steadily increasing sales testify not only to their trustworthiness, but to the general satisfaction they give everywhere.

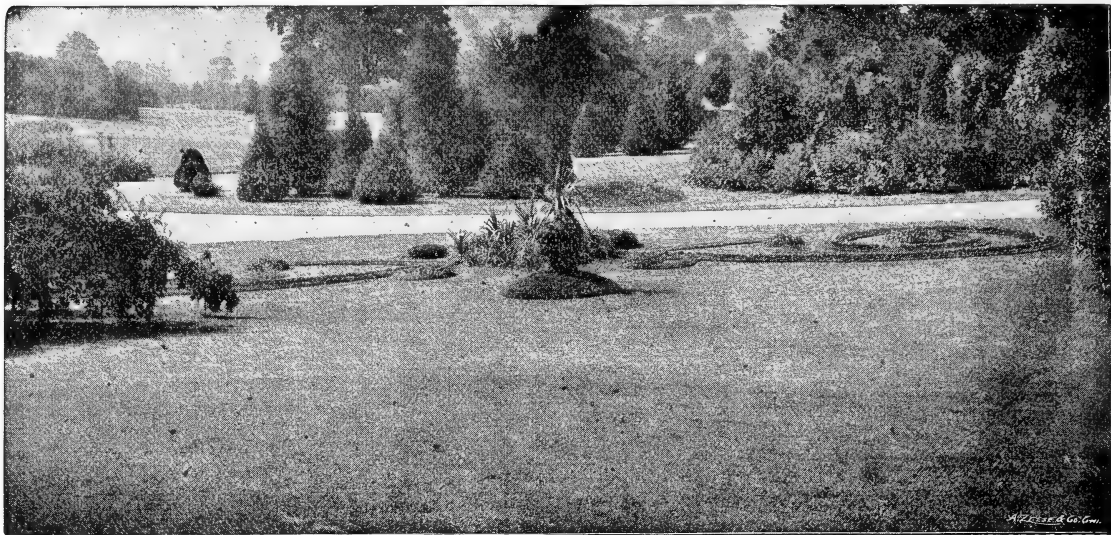
The Grass Seed Mixture is supplied as desired, mixed for mowing or permanent pastures. Price, per bushel (14 pounds), \$2.50. . Not prepaid.

Clover Mixture of the best varieties and highest quality should be sown with above at the rate of 10 pounds to the acre. Price, 10 pounds for \$2.00. Not prepaid. In larger quantities write for special quotations.

We Furnish the Grass and Clover Seeds Separately, as the Clovers have greater weight. Clover should be sown separately, and it is recommended to sow only in the spring.

GRASS SEEDS FOR LAWNS.

"The most beautiful thing that can be placed about a home is a well-kept lawn. It is the soul of the surroundings of a home. Not only is it one of the most beautiful but also useful features of the landscape. Grass is the carpet of the earth, and like the carpet of the house it should be used."



ONLY with the best material

Careful and thorough experiments have proved a mixture of different dwarf, hardy, quick growing varieties to be the best, rather than any one kind. Such a combination of grasses is

can the highest and most satisfactory results be obtained. *It is now a decided fact that seed will make a better lawn than turf or sod.* Such being the case great care should be taken to secure the best and cleanest seed.

BARNARD'S "Perpetual Green" :: LAWN MIXTURE

It is unequalled for tennis and croquet grounds. The grasses of which it is composed will in the shortest time possible produce a beautiful dwarf, compact turf, which will endure the summer heat, and insure a rich, deep green sward throughout the season. We take every precaution by the most painstaking cleaning to eliminate as far as possible all weed seeds. Lb., 35c, postpaid. **Not prepaid**, lb., 25c; 5 lbs. or more at 20c per lb., bags included.

BLUE GRASS. Its uniform growth, creeping habit and beautiful color make it desirable for lawns. This grass lives longer than all others. Fancy cleaned, lb., 30c, postpaid. **Not prepaid**, lb., 20c; 5 lbs. or more at 15c per lb.

Special Mixture for "Shady Places."

WITH this mixture there need be no difficulty in getting grass to grow in the shade under the trees, etc., as it is a combination of grasses whose natural home is in woods and sheltered places. Lb., 40c., postpaid. **Not prepaid**, lb., 30c; 5 or more lbs. at 25c per lb., bags included.

Special rates quoted for large quantities.

THE QUANTITY TO SOW. It is unwise to be economical in the quantity of seed used if the best results are desired. One pound will sow a plot of six hundred square feet; 4 bush. (56 lbs.) to the acre.

"GOLF LINK" MIXTURE.

For links or grounds on which this most popular game is played we supply a mixture of grasses that will endure wear and tear and at the same time always present a fine sward. Lb., 40c, postpaid. **Not prepaid**, lb., 30c; 5 or more lbs. at 25c per lb.

WHITE CLOVER. Thrives in damp situations. We have some A1 seed, carefully cleaned. Lb., 30c, postpaid. **Not prepaid**, lb., 20c; 5 lbs. or more at 15c per lb.

RED TOP. Desirable where an immediate effect is sought. Fancy cleaned seed, free from chaff, lb., 30c, postpaid. **Not prepaid**, 25c; 5 lbs. or more, 20c per lb.

Chicago Lawn Fertilizer

DRY
CLEAN
ODORLESS



is a preparation in which the enriching qualities of stable manure are found without any objectionable features. Stable dressing is unpleasant to handle and in other ways but worst of all is, that it always contains more or less weed seeds. **There are no weed seeds in this fertilizer.** It will impart to your lawn that much desired dark green and velvety appearance. Should be applied as a top dressing either in spring or in fall.

QUANTITIES TO USE AND PRICES:

10-lbs. bag for 1,000 sq. ft. of lawn, or 500 sq. ft. of garden	Not prepaid	\$.50
25-lbs. bag for 2,500 sq. ft. of lawn, or 1,200 sq. ft. of garden		1.00
50-lbs. bag for 5,000 sq. ft. of lawn, or 2,500 sq. ft. of garden		1.75
100-lbs. bag for 1/4 acre of lawn, or 1/8 acre of garden		3.00
200-lbs. bag for 1/2 acre of lawn, or 1/4 acre of garden		5.50

garden, it is one of the very best. 4 lbs., 25c; 10 lbs. 45c; 100 lbs., \$2.00, **not prepaid.** (Postage 16c per lb. extra).

PULVERIZED SHEEP MANURE.

As a top-dressing for lawns it is unequaled, being free from weed seeds, and exceedingly stimulating. For lawns it should be used at the rate of 500 pounds per acre. As a fertilizing agent for plants indoors, and in the open

RECLEANED

GRASS.

...AND...

CLOVER

SEED.

WE would call especial attention to this greatly superior grade of Seeds. By special machinery it is made absolutely free from chaff and almost if not entirely every weed seed is eliminated. The very slightly increased cost over the ordinary grass and clover seed is trifling, while every pound is actually worth two or three times as much as the grades usually sold.

...Grass Seeds...

BELOW we give the names and short descriptions of the very best varieties for general use.

PRICES on Grass and Clover Seeds change very frequently, so that we are unable to quote prices that are absolute. Get our prices before you buy. If you are in a hurry for the seed, remit us the sum you wish to expend and we will give you the full value of the money sent on the day order is received.

All quotations on grass seeds subject to market changes. Special quotations will be given at any time.

If wanted by mail add 8c. per lb. for postage. Two bu. bags to hold seed, 15c. each.

Grass Seed Mixtures for Mowing and Permanent Pasture, see page 53.



ORCHARD GRASS.

TIMOTHY. (Herd's Grass, Cat's Tail, *Phleum Pratense*.) Starts late and grows rather slowly, flowering about four weeks after Red Clover. It makes good hay, even if cut a few days after flowering, but will never bear close feeding to horses or sheep; 45 pounds to the bushel. Sow 12 pounds to the acre. Lb., 10c.; large quantities, market price.

ORCHARD GRASS. (Rough Cock's Foot, *Dactylis Glomerata*.) This is one of the most valuable and widely known of all the pasture grasses.

Its good properties are earliness, rapid growth and power to resist drought. It will endure considerable shade. If cut when in flower, or very soon after, it makes first rate hay; ripe, it makes poor hay. Flowers about the same time as Red Clover. Sow 24 pounds to the acre. Lb., 20c.; 100 lbs., \$10.00.

RED TOP. (Pennsylvania Herd's Grass, Burden Grass, *Agrostis Vulgaris*.) Thrives best on low lands, where it cuts a good crop of rather light hay of fair quality. Suitable for low pastures. Sow 2 bu. per acre; 14 lbs. to the bushel. Lb., 20c.; 100 lbs., \$9.00.

KENTUCKY BLUE GRASS. (June Grass, Spear Grass, Green Meadow Grass, *Poa Pratensis*.) Valuable pasture grass and for lawns when mixed with other grasses. It grows well in rather a dry soil, but will grow on a variety of soils from the driest knolls to a wet meadow. It endures the frosts of winter better than many other grasses. Flowers in June. Sow about 28 lbs. to the acre early in the spring or during October or November. Lb., 20c.; 100 lbs., \$10.00.

PERENNIAL RYE GRASS. (*Lolium Perenne*.) Nutritious and valuable; in most places not excelled by Blue Grass for pasture. It thrives on almost all cultivated soils; starts early and grows all summer. Height seldom over 18 inches. Flowers in June 24 lbs. to the bushel. Sow 60 lbs. to the acre. Lb., 15c.; 100 lbs., \$6.00.

ITALIAN RYE GRASS. (*Lolium Italicum*.) Yields an early and abundant harvest on any good common soil. Especially recommended for pasture mixtures. Lb., 15c.; 100 lbs., \$6.00.

MEADOW FESCUE. (English Blue Grass, *Festuca Pratensis*.) An excellent pasture grass, early, nutritious, and thrives well on all good soils. The long tender leaves are much relished by cattle. In addition to its being a pasture grass it makes a very good quality of hay. Flowers in June and July. Sow 40 lbs. to the acre. Lb., 15c.; 100 lbs., \$6.00.

MEADOW FOXTAIL. (*Alopecurus Pratensis*.) One of the finest varieties for permanent pastures, grows rapidly after the cropping of sheep and cattle. It grows well on all soils except the driest sands and gravels, but thrives best on a rich, moist, strong soil. Flowers in May. Sow 25 lbs. to the acre. Lb., 30c.; 100 lbs., \$20.00.

TALL FESCUE. (*Festuca Elatior*.) Produces large crops on strong, heavy land. Grows naturally in shady woods, roots deeply and stands dry weather remarkably well. Sow 40 lbs. to the acre. Lb., 25c.; 100 lbs., \$18.00.

HARD FESCUE. (*Festuca Duriuscula*.) A dwarf grass, desirable for dry localities where many other grasses would fail. Sow 30 lbs. to the acre. Lb., 25c.; 100 lbs., \$12.00.

PERENNIAL SWEET VERNAL. (*Anthoxanthum Odoratum*.) Useful as a mixture with other grasses on account of its early growth. It emits an agreeable odor when cut for hay. Sow 10 lbs. to the acre with other grasses. Lb., 35c.; 100 lbs., \$25.00.

TALL MEADOW OAT GRASS. (*Avea Elatior*, or *Arrhenatherum Avenaceum*.) It produces an abundance of foliage and is valuable for pasture, starts early, flowers early and roots deeply. Sow 50 lbs. to the acre. Lb., 25c.; 100 lbs., \$16.00.

WOOD MEADOW GRASS. (*Poa Memoralis*.) There is no grass better adapted for pleasure grounds, particularly under trees, as it will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 30 lbs. to the acre. Lb., 30c.; 100 lbs., \$25.00.

ROUGH STALKED MEADOW GRASS. (*Poa Trivialis*.) One of the few varieties that succeed well in moist and sheltered situations, where it produces a constant and abundant supply of nutritive cattle food. Sow 20 lbs. to the acre. Lb., 30c.; 100 lbs., \$20.00.

CRESTED DOGSTAIL. (*Cynosurus Christatus*.) On dry, hard soils and hills it is valuable for its hardness. Useful for lawn mixtures. Sow 25 lbs. to the acre. Lb., 25c.; 100 lbs., \$23.00.

CREeping BENT GRASS. (*Agrostis Stolonifera*.) This variety is peculiarly useful for moist places which are occasionally overflowed, but where water does not stagnate. Also valuable for lawns. Sow 20 lbs. to the acre. Lb., 20c.; 100 lbs., \$15.00.

COMMON MILLET. (*Panicum Miliaceum*.) Height 2 to 3 feet; succulent stems; leaves broad and numerous, grows rapidly, and matures early. Can be planted as late as August and mature a crop of hay the same season. Sow 3/4 bushel per acre—50 lbs. to the bushel. Bu., \$1.00.

HUNGARIAN MILLET. (*Panicum germanicum*.) A popular forage grass in dry sections and dry seasons; it endures drouth remarkably well. Stalk leafy, 2 to 4 feet high, with slender heads; 45 pounds to the bushel. Sow 3/4 bushel per acre. Cut when in blossom, and cure the same as clover. Bu., \$1.00.

PEARL MILLET. (Egyptian, East India Millet, *Pennisetia spicata*.) Sow in light, sandy soil, well-manured. If cut when small, for feeding green, it produces a second crop; is one of the best of fodder crops in the south. Lb. 100.

GERMAN, or GOLDEN MILLET. A great yielder, and one of the best of hay and fodder crops. Sow 3/4 bushel per acre—50 pounds to the bushel. Bu. \$1.00.

— CLOVERS. —

Prices on Clover subject to Market Changes. Write for special quotations. If wanted by mail or Express, prepaid, add 8c per lb. to prices named.

ALFALFA, or LUGERNE. (*Medicago Sativa*.)

Alfalfa flourishes in all Western and Southern States and has succeeded admirably in many localities of the North. The great value of alfalfa is in its enormous yield of green fodder, which should be cut when commencing to blossom; it is also highly relished by stock when cured into hay. The roots penetrate the soil to a great depth, they having been found in sandy soil 13 feet long; it is thus able to resist drought, therefore it will grow and yield abundantly in hot, dry sections and on poor, light sandy land. It, however, attains its highest perfection on mellow, well drained high or rolling land, where water readily passes away. Alfalfa is not adapted for heavy, sticky clays, nor for land where water stands a short distance below the surface. The seeds may be sown in the early fall or in the Spring as soon as the frost is out of the ground, in order to catch the Spring rain, as it needs moisture to germinate. Twenty to twenty-five pounds are required per acre if sown broadcast, eight pounds in drills. Thick sowing produces the finest hay. 60 lbs. to the bushel. Lb., 20c, not prepaid; bu., \$5.00, 100 lbs., \$8.00.

MEDIUM RED, or JUNE. (*Trifolium Medium*.)

The common Clover in general cultivation; grows 2 to 3 feet high, and is the best for hay. Makes excellent pasturage when sown with Grasses, and is one of the best fodders for milch cows and sheep. When used alone, sow about eight pounds of seed per acre; 60 pounds to the bushel. Lb., 15c, not prepaid. Write for prices in quantity.

MAMMOTH, or LARGE RED. (*Pea Vine, Trifolium Pratense*.)

Grows 4 to 6 feet high. The variety best adapted to plowing under as a green manure, on account of the enormous mass of tops and roots which it produces. It makes an excellent hog pasture. Sow 8 pounds per acre; 60 pounds to the bushel. Market price. Lb., 15c. Write for prices in quantity.

WHITE. (*Trifolium Repens*.)

Low, with creeping stems. It is the best of the Clovers for permanent pasturage, but prefers moist land. Mixed with Blue Grass or Perennial Rye Grass, or Taller Oat Grass, it makes a permanent pasture of great grazing value. Stems fine and palatable, bearing numerous leaves of bright green color blotched with white. Sow 6 pounds per acre when used alone, or 3 pounds with Grass seeds; 60 pounds to the bushel. Lb., 25c, not prepaid; 25 lbs., 20c per lb.



WHITE CLOVER.



ALFALFA CLOVER.

GRIMSON CLOVER. (*Trifolium Incarnatum*.)

This is an annual clover for fall sowing only, and when ripe to cut for hay or seed it never starts again. It can be sown in August, September or early in October. It can be sown in orchards, in fields of growing crops, or in open ground after some other crop has been harvested. It germinates quickly, grows late in the fall and during warm spells in the winter, when red clover will not think of starting. Makes remarkably rapid growth in Spring and by the first week in May it stands two or three feet high and is in full bloom, ready to turn under as green manure in time for almost any Spring crop. It succeeds on nearly every kind of soil standing northern winter and southern summer. It can be cut for hay and for this purpose grows as easily as common red clover. It thrives on land so poor that the common clover would do but little. 10 to 15 lbs. are required to the acre. Lb., 15c, not prepaid; bu., \$3.00; 100 lbs., \$5.00.



SCARLET CLOVER.

ALSIKE, or SWEDISH. (*Trifolium Hybridum*.)

Hardy, resists extremes of drought and wet, yields large crops of superior pasturage, and much liked by cattle. It is well suited to sowing on lands liable to wash, as its long fibrous roots spread over a wide area, and so interlace and hold the soil as to resist the heaviest rains. Can be planted on any kind of soil. Blossom heads round, resembling White Clover in shape, flesh colored, sweet and fragrant; much liked by bees. Sow 6 pounds per acre in spring or fall; 60 pounds to the bushel. Lb., 20c, not prepaid; bu., \$5.50; 100 lbs., \$10.00.

FERTILIZERS, INSECT AND FUNGUS REMEDIES.

We keep but one grade—the **best**. Our large sales enable us to offer at *lowest wholesale prices*. Prices subject to market changes. Special quotations will be made for large lots.

FERTILIZERS, ETC.

PULVERIZED SHEEP MANURE.

Highly recommended for all purposes for which a fertilizer is required. Its effect is immediate and lasting. It is clean to handle. For lawns, use at the rate of 500 lbs. per acre. For pot plants, mix one part sheep manure to six parts of soil. For use in the vegetable garden, spread over the surface and dig in. Being soluble, it readily makes a safe liquid manure (one pound to five gallons of water per day can safely be used). 2 lbs., 15c; 4 lbs., 25c; 10 lbs., 45c. Not prepaid. 100 lbs., \$1.25; 1,000 lbs., \$9.00.

FINE RAW BONE OR FLORISTS' BONE MEAL.

Guaranteed pure bone. It is ground fine and is an excellent top dressing for lawns, grass lands, farm and field crops, also for mixing with potting soil. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., \$1.25; 100 lbs., \$2.00; bag of 200 lbs., \$3.50.

PURE CRUSHED BONE.

Coarse ground. Used around fruit trees, grape vine borders and in the poultry yard. 50 lbs., \$1.75; 100 lbs., \$3.00.

BONE AND BLOOD.

Just the thing where a high nitrogenous fertilizer is required. Its effects are prolonged and lasting. For seed beds and garden plots of cabbage, lettuce, beets, onion, celery, spinach, apply broadcast at the rate of one or two tons per acre. When used in rows or in hills for cabbage, celery or early corn, one to two hundred pounds per acre will be sufficient. 100 lbs., \$1.50; per ton, \$24.00.

GARDEN VEGETABLE COMPOUND.

Where applied, vegetables ripen ten to fourteen days earlier, and the increased production is usually one-third to one-half larger than when it is not used. It is put up in bags of 100 to 200 pounds, odorless, clean to handle and reasonable in price. 50 lbs., \$1.50; 100 lbs., \$2.75; 200 lbs., \$4.50.

GARDEN CITY SUPER-PHOSPHATE.

This is a complete manure. Can we say more than this? The more inquiries you make and the more you investigate this fertilizer, the more readily you will use it. Use 200 or 300 pounds per acre. 100 lbs., \$2.00; 200 lbs., \$3.50.

CELERY GROWER.

A new, carefully prepared manure, especially adapted for celery growing. It is chemically suited to this crop, which demands high manuring. 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.50.

CHICAGO LAWN FERTILIZER.

10 lbs., 50c; 25 lbs., 75c; 50 lbs., \$1.50; 100 lbs., \$2.75.

JADOO—Fibre.

A New Potting Material in which Every Plant Thrives without Earth.

It is cleaner than earth, half as light, is spongy and requires watering only half as often. Worms cannot exist in it—no soil to mix—no manure required. Seeds germinate in it more quickly than in earth. Price, by freight or express, not prepaid, 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.10. Bag (about 120 lbs.), \$3.60.

JADOO—Liquid.

Revives drooping plants, strengthens the weak and nourishes the strong; above all, it gives health, increases the size, causes greater profusion of bloom and heightens the color of both foliage and flowers. Can be used on plants grown in Fibre, and for watering plants grown in earth it is the *cheapest of all fertilizers*. Add forty-eight parts of water to one part of Jadoo liquid. Mix and use. Price, by freight or express, not prepaid: Pint bottle, 25c; case of 24 pints, \$3.50; 2 gals. in jacketed can, \$1.50; 5 gals. in jacketed can, \$3.75.

FERTILIZERS.—Continued.

FLORISTS' PLANT FOOD.

An application of this plant food will be observed in the vigorous growth of the flowers and a deep green foliage. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$4.00.

BOWKER'S PLANT FOOD.

For all pot plants. Clean, odorless, effective. Directions for use with each box. Two sizes, each, 15c and 25c. By mail, each, 25c and 40c. Small, doz., \$1.15. Large, doz., \$2.15.

Nitrate of Soda. 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

Peruvian Guano. Guaranteed pure. 5 lbs., 40c; 10 lbs., 70c; 50 lbs., \$2.75; 100 lbs., \$5.00. Prices will be quoted on larger lots.

Land Plaster or Gypsum. Bbl. (about 350 lbs.), \$2.00; 5 bbls. for \$9.00. Write for price in large quantity.

INSECTICIDES, FUNGICIDES, ETC.

SLUG SHOT.

One of the cheapest and most popular insecticides. It kills potato bugs, currant, gooseberry and cabbage worms, melon, squash and cucumber bugs—in fact, every pest known to the gardener. Contains nothing in the least injurious. 5 lb. package, 30c; 10 lb. package, 50c; bbl. (225-260 lbs.), 4c per lb. Tin canisters, with finely perforated top for dusting (filled), 25c each; by mail, prepaid, 40c.

PEROXIDES OF SILICATES.

A sure protection against the ravages of all Insect Pests that destroy the growing crops. When mixed with the Fertilizer it will destroy all grubs and worms in the soil. It kills the Colorado beetle or potato bug, the cabbage worm, etc. *Absolutely safe*. No danger of poisoning your stock. Price: 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$4.50; bbl. (225-260 lbs.), 4c per lb.

Hellebore Powder. Kills currant worms, rose slugs, etc. 1/2 lb., 30c; 10., 50c prepaid. Not prepaid, lb., 30c; 5 lbs. for \$1.00.

INSECT POWDER. *Dalmatian or Persian*. Destroys ants, fleas and all noxious insects. 1/4 lb., 25c; 1/2 lb., 40c; 1 lb., 75c; not prepaid. (Postage, 16c per lb. extra.)

Paris Green. Pure stock. 1/4 lb., 15c; 1/2 lb., 25c; 1 lb., 40c. (By mail, add 16c per lb. for postage.)

Tobacco Dust. Cheaper than snuff. A sure remedy for green fly. 1 lb., 10c (by mail, 25c); 5 lbs., 25c; 100 lbs., \$2.00, not prepaid.

Tobacco Stems. For fumigating greenhouses, etc. Good to mulch Rose and Lettuce beds. An excellent fertilizer and protector to the lawn in winter. 10 lbs., 50c; bbl., \$1.00; bale of about 250 to 400 lbs., 1c per lb.

Tobacco Extract, *Rose Leaf*. A positive remedy for insects in greenhouse and conservatories. Used in various ways. Directions on package. Pint, 30c; qt., 50c. Gal., \$1.50; 5 gals., \$5.00.

Whale Oil Soap. Pure, fresh. Kills insects and their eggs; good wash for fruit trees. Dissolve 1 lb. in five gallons of water, apply with a syringe or force pump. 2 lbs., 25c; 5 lbs., 50c; not prepaid. Postage required, 16c per lb.

Tobacco Soap. Most effective in cleansing plants and trees infested with red spider, oleander bugs (scale) and rose slugs. Box, sufficient to make 5 gals. of wash, 25c. By mail, 35c.

Nicoteen. A Liquid Insecticide. One of the most powerful and satisfactory in use. It is much more preferable than the crude tobacco extracts usually sold. Pint, \$1.50.

REMEDIES FOR MILDEW, ETC.

Bordeaux Mixture. For black rot, mildew of grapes, potato rot, blight of cherry, pear and other trees, etc. 1 quart can (will make 35 gallons liquid) 35c. Doz., \$2.25.

Copperdine. Prevents rust on carnation plants, mildew, black rot, etc. Dilute 1 pint to ten gallons of water. Apply with sprayer. Price, one gallon, \$1.50.

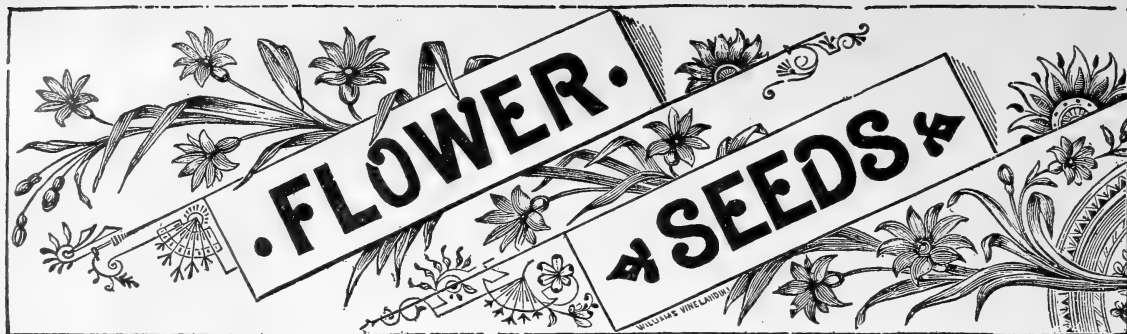
Flour of Sulphur. For destruction of mildew on roses, etc. Blow it over the plants with a sulphur bellows. Lb. 10c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00.

Grape Dust. Preparation for destroying mildew, mold or rust either in greenhouse or open air. 5 lb. package, 35c.

For Bellows and Powder Gun to apply above, see page

HARDWOOD UNLEACHED ASHES.

An excellent fertilizer containing all elements except Nitrogen. Per bbl., \$2.75.



GENERAL CULTURAL DIRECTIONS:

MOST flower seeds germinate well in a rather light sandy loam, exposed to the sun, while a few are benefited by partial shade, and some do best with an element of clay finely mixed with the soil. Nearly all the hardy seeds vegetate better when planted in early spring as soon as the soil can be worked fairly easily.

A general rule for the seed-bed is to have the soil rich, level and worked very finely. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have swelled, for if it does, they will be pretty sure to fail. For this reason it is best to sow most small seeds in shallow boxes 2 to 3 inches in depth and of any convenient size, that the surface of the soil may be kept properly moistened.

After the seeds are up, care must be taken to give them plenty of air and moisture, and yet not too much water, or they will "damp-off" (rot at the top of the ground). As soon as the second leaves are well out they should be transplanted into pots or new boxes. When finally transplanted to the bed or border they should be watered frequently until well established.

ANNUALS grow, bloom and die the first year from seed. They are all of easiest culture.

BIENNIALS flower the second year, sometimes the third, then die. Some bloom the first year.

PERENNIALS usually bloom the second season and continue in life several years.

In this catalogue we abbreviate the classifications as follows:

A to designate Annuals.

B for Biennials.

P for Perennials.

E for Everlastings.

C for Climbing Plants.

G. P. for Greenhouse Plants.

As to hardiness: H, hardy, H H, half-hardy, T, tender.

PLEASE ORDER FLOWER SEEDS BY NUMBER as it will save time in writing

— and also in filling the order. —

ALL FLOWER SEEDS will be sent prepaid at prices mentioned in this Catalogue.

DISCOUNTS. All purchasers of flower seeds in packets and ounces are entitled to liberal discounts. See top of order sheet and page ... of catalogue.

SIZE OF PACKETS. Our packets are well filled, so much so that they usually contain sufficient for two or more sowings.

SEEDS FOR SPECIAL PURPOSES

The following list will be found useful in making selections of suitable varieties for a given object.

LOW GROWING PLANTS

For Beds and Edgings.

Ageratum, Alyssum, Browallia, California Yellow Bells, Calliopsis, Campanula, Candytuft, Chrysanthemum, Daisy, Dianthus or Pinks, Escholtzia, Feverfew, Forget-me-not, Godetia, Heliotrope, Mignonette, Marigold (dwarf), Nasturtium (dwarf), Pansy, Phlox Drummondii, Poppy, Portulacca, Torenia, Verbena, Violets, Zinnia (dwarf).

CLIMBING PLANTS

For Porches, Etc.

Adlumia, Balloon Vine, Canary Bird Flower, Cobaea, Cypress Vine, Dolichos, Moonflower, Nasturtium (tall), Scarlet Runner Beans, Sweet Peas, Thunbergia.

For Fragrant Flowers.

Sweet Alyssum, Candytuft, Carnation, Four O'clock, Heliotrope, Mignonette, Pansy, Nasturtium, Stocks, Sweet Pea, Verbena, Violet, Wallflower.

FOR BOUQUETS.

14 Pkts.

"ONLY A QUARTER."

Sweet Alyssum, Agathe. Ageratum, mixed, Balsam, double mixed. Calliopsis. Carnation, Margaret. Candytuft. Convolvulus, Minor. China Pinks. Nasturtium, tall. Pansy, mixed. Sweet Peas, mixed. Zinnia, mixed. Price, the entire 14 pkts., 25c.

Here are fourteen choice annuals, easily grown, the best for cutting for bouquets. Aster, good mixed.

TALL GROWING PLANTS

For Backgrounds and Centers.

Abutilon, Adonis, Antirrhinum, Aquilegia, Aster, Balsam, Calendula, Canna, Castor Bean, Datura, Delphinium, Hollyhock, Helianthus or Sunflower, Lupins, Marigold, Mirabilis or Four O'clock, Nicotiana, Perilla, Salvia, Stocks, Sweet Williams, Zinnias.

FOR CONSTANT BLOOM.

Sweet Alyssum, Candytuft, Carnation, Celosia, Escholtzia, Nasturtiums, Petunias, Phlox Drummondii, Pinks, Portulacca, Sweet Peas, Verbena, Zinnia.

For Vases and Baskets.

Abronia, Alyssum, Gilia, Kenilworth Ivy, Lobelia, Maraundia, Mimulus, Nasturtium Lobbs, Nierembergia, Schizanthus, Sedum, Vinca, Verbena.

WILD FLOWER GARDEN MIXTURE.

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodlawn walks, roadsides, railroad embankments and for sowing alongside of fences, and on any untidy bare spots of ground which are so frequently unsightly and which, if properly cared for and kept free from weeds, produce a continual display of bloom during the summer. - Pkt., 5c.; oz., 25c.

For the Latest Novelties and Recent Introductions see front pages.

GENERAL LIST OF

FLOWER SEEDS



AGERATUM.
AGERATUM.

A plant of neat erect, bushy appearance; long bloomer, fine for bouquets. H. H. A.

- | | | |
|------|------------------|--------|
| | | Pkt. |
| 2017 | Dwarf Blue, 9 in | ...3c. |
| 2022 | " White, 9 in | ...3c. |
| 2023 | " Mixed, 9 in | ...3c. |
| 2024 | Tall Blue, 18 in | ...3c. |
| 2025 | " White, 18 in | ...3c. |
| 2032 | " Mixed, 18 in | ...3c. |

AMARANTHUS.

Rapid growing plants They have handsomely colored foliage and are very showy in large beds. Sow seed early and set out in rather poor soil in May or June to get best effects in color. H. H. A.

2033. **Caudatus.** (Love Lies Bleeding.) Long, dark, red drooping flower spikes. 2 to 3 feet. Pkt., 3c.

2038. **Salicifolius.** (Fountain Plant.) Drooping, willow-shaped leaves, handsomely variegated 3 ft. Branches out freely Pkt., 5c.

2039 **Tricolor.** (Joseph's Coat.) Leaves bright red, yellow and green. 2 ft Pkt., 3c.

2040 **Many varieties mixed.** Pkt., 3c.

AMPELOPSIS VEITCHII.—(JAPANESE OR BOSTON IVY.)

2045. A hardy perpetual woodbine climber from Japan. Leaves small, deeply cut, olive-green, changing to bright scarlet in autumn. Pkt., 10c.

For prices of Plants see "Climbing Plants.

ANEMONE.—(WINDFLOWER)

2046. Easily grown from seed; blooms in autumn. Bulbs may be taken up and stored during the winter like Dahlias H P Pkt., 5c.

ANTIRRHINUM.—(SNAPDRAGON)

Showy flowers for cutting. The dwarf sort make pretty edgings, and both kinds bear a mass of flowers. H P. but blooms first year

2047. Tall, Mixed, 2 ft ¼ oz., 15c. Pkt., 3c.

2048. Dwarf, Mixed, 18 in ¼ oz., 20c. Pkt., 3c.

AQUILEGIA.—(COLUMBINE)

Splendid for bouquets. Curiously shaped beautiful flowers.. Blooms very early. 2 ft H. P.

2049. **Chrysantha.** Bright golden yellow. Pkt., 5c.

2050. **Corulea.** Violet blue and white. Pkt., 10c.

2051. **Single.** All colors mixed. Pkt., 3c.

2056 **Double.** All colors mixed. Pkt., 3c.

2000 **ABRONIA.** Trailing plants with Verbena-like fragrant flowers. In beds sometimes one plant covers a yard square and is full of bloom. Best colors mixed H. H. A. Pkt., 5c

2001 **ABUTILON.** Fine house plant for winter blooming. Bell-shaped flowers H. H P Pkt., 10c

2002 **ADONIS.** Hardy bedder. Crimson. Blossoms throughout the season. Foliage is graceful and feathery. Height 1 ft A. Pkt 3c

2007 **ADLUMIA.** (*Allegheny Vine.*) Likes shade. Pink and white flowers. Fern-like foliage Cl. Pkt., 5c



LOVE LIES BLEEDING.

SWEET ALYSSUM.

2057 An old favorite as easily grown as a weed. Thrives in flower gardens, window boxes, vases, etc. Flowers white, very fragrant, valuable for cutting, 9 in H A. Oz., 25c. Pkt., 3c.

ALYSSUM, Little Gem.

2058 This variety grows about six inches in height. Flowers pure white, fragrant, borne in profusion. Suitable for edgings and low beds. More than four hundred clusters of flowers in full bloom have been counted on a single plant. ½ oz., 20c.; Pkt., 5c.

2068. **Saxatile.** Golden yellow flowers. Blooms in spring. H. P Pkt., 5c.

ALYSSUM

Agathea.—(BLUE DAISY.)

2012. In appearance is exactly like the Marguerite or Paris Daisy, except its flowers, which are sky-blue with yellow disc. Easily grown, free blooming and valuable for culture as a winter flower. H A. Pkt., 5c



AQUILEGIA.



QUEEN
OF THE
MARKET.

QUEEN OF THE MARKET.

Blooms three weeks earlier than other Asters. Plants are dwarf, about one foot high, branching and free flowering. Flowers are borne on long stems, which adds much to their value for cut flowers. Does well under glass.

2196. White. Pkt. 5c
2197. Mixed. Pkt. 5c

Snowball or Princess.

2172. A very beautiful and distinct Aster, having very short, thick petals, the flower bearing a resemblance to a dwarf or pompon Dahlia. A single plant will generally yield fifteen or more pure white flowers. Pkt., 10c.



ASTER, DAYBREAK.

... NEW ASTER, DAYBREAK ...

COLOR, LIGHT, DELICATE PINK.

2194. The accompanying illustration, from photograph, shows one of the vigorous, free-blooming plants of DAYBREAK ASTER. The delicate pink color, erect and graceful habit, and immense display of flowers when seen in mass, is simply charming beyond description. The plant is of a robust and sturdy habit of growth, producing the large flowers on long and graceful stems, making it a most excellent Aster for cut flowers. Pkt. 10c.

Vick's Branching.

These are quite distinct from Semple's. The flowers, four inches across, are produced on stems 15 to 20 inches long. The branching habit is so great that one plant has covered a space two and one-half feet square.

2124. Snowy White. Handsome flower. Pkt. 10c.

2125. Mixed. Above and others. Pkt. 10c.

MIGNON.

One of the finest Asters for cut-flower work. Flowers are of good size, like those of Victoria, and more freely produced. Height about fifteen inches. Blooms almost continuously.

2083. Pure White. Pkt. 10c.

2084. Mixed. Pkt. 10c.

CROWN.

The flowers of this class are two colored. The centre of each is pure white, with outer petals of various colors, such as crimson, blue, violet, etc. A large, full, double flower. Height two feet.

2126. Mixed colors. Pkt. 10c.

Semple's...

Branching Asters.

THIS Aster is a strong grower and its tendency to form numerous branches is very marked, therefore it should have more room than the ordinary Aster. The plant continues to grow later in the season than any other variety with which we are acquainted, and blooms correspondingly late, thus giving its crop of flowers in late autumn, a season when there is always a scarcity of bloom.

The flowers are borne on very long stems and are four inches and more in diameter. The petals are broad, long, and many of them more or less twisted or curled in such a manner as to give the blooms the appearance of large, loose and graceful Chrysanthemums.

The Branching Aster is easily grown from seed and is of great utility and beauty for bedding purposes, coming at a season when there is little else in flower, anticipating as they do the Chrysanthemum season by a month or six weeks.

We offer this strain in five separate colors and mixed.

2174. White. - - - 5c

2179. Pink - - - 5c

2180. Lavender - - - 5c

2190. Crimson - - - 5c

2191. Purple - - - 5c

2185. Mixed - - - 5c



BRANCHING ASTER.

..ASTERS...Continued.

TRUFFAUT'S PAEONY FLOWERED.

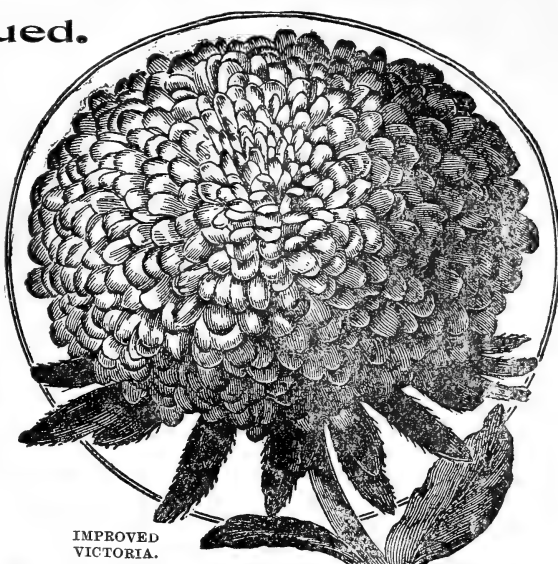
For size of flowers, beauty of colors and habit of plant, this Aster is almost unrivalled. Flowers are incurved like those of a Peony, and of beautiful form with rich, brilliant colors. Plants grow about two feet high, stout and vigorous.

	Pkt.
2085. Pure White.....	7c.
2091. Rose.....	7c.
2092. Blood Red.....	7c.
2097. Light Blue.....	7c.
2098. Dark Blue.....	7c.
2100. Dark Crimson.....	7c.
2102. La Superbe, sky blue.....	7c.
2107. Mixed Colors.....	5c.
2112. Imported Collection, 6 distinct colors.	25c.

IMPROVED VICTORIA.

Among the tall growing Asters, having large double gl. be-shaped flowers, this is one of the most handsome. Plants grow about twenty inches high, each one carrying from ten to twenty flowers. Our strain of seed is of unexcelled quality.

	Pkt.
2069. White.....	10c.
2070. Rose.....	10c.
2071. Carmine.....	10c.
2076. Light Blue.....	10c.
2077. Dark Blue.....	10c.
2078. Crimson.....	10c.
2079. Finest Mixed.....	10c.
2080. Imported Collection, 6 distinct colors.	35c.

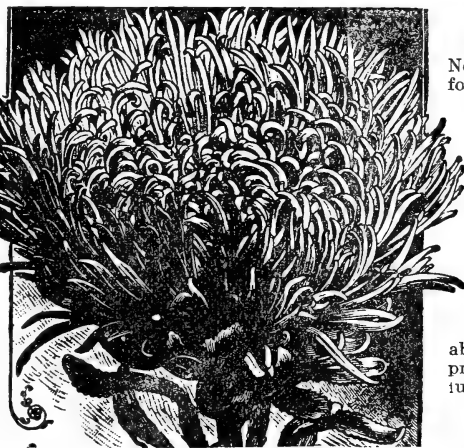


IMPROVED
VICTORIA.

COMET OR POODLE.

Next to the Victoria aster, the Comet is the handsomest of tall growing Asters; it possesses many distinct characteristics, making it especially desirable. The flowers are handsome, very attractive, with long, curled and twisted petals formed into a large globe-shape. The giant flowered class have even larger flowers. All are produced on long stiff stems, making these Asters useful for corsage bouquets as well as for cut flowers.

2135. Giant White.....	Pkt. 10c.
2134. " Mixed.....	" 10c.
2127. Comet, Pink and White..	" 10c.
2127a. " Deep Rose.....	" 10c.
2133. " Light Blue.....	" 10c.
2136a. " Mixed.....	" 10c.



NEW JAPANESE ASTERS.

Japanese Tassel Asters.

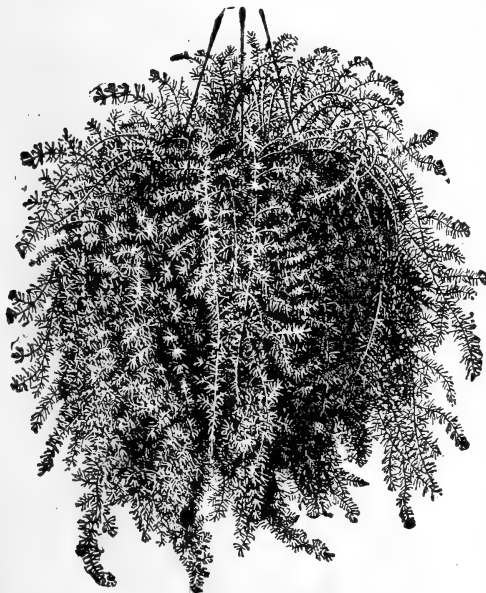
2081. A distinct and novel form of flower, resembling somewhat a tassel. Plants grow eighteen inches high, bloom freely; well developed flowers measure from four to five inches across, and are of an attractive light flesh color. Our illustration shows the needle-like, wavy and twisted petals. Pkt., 15c.

Ornamental Asparagus.

Two of the most popular plants of the day are described below. Both are easily grown from seed.

2211. **ASPARAGUS SPRENGERI**, or **EMERALD FEATHER**. A beautiful trailer that is of great value to grow as a pot plant for window culture. It is not affected by close, dry atmosphere. Leaves a rich green, flowers white followed by red berries. Pkt., 10 seeds 20c.

2212. **PLUMOSUS NANUS**. A beautiful climbing plant with bright green, gracefully arched foliage, surpassing Maiden Hair ferns in grace, delicacy of texture and richness of color. Pkt., 10 seeds, 20c.



ASPARAGUS SPRENGERI.

VARIOUS ASTERS.

GIANT "SILVER TIPPED."
New. These California Asters form a new section. They grow about 18 inches high and branch freely. The flowers are about three inches across with broad recurved petals, each of which is tipped with silvery white.

2137. Silver Tipped
Pink..... Pkt. 15c.

2137a. Silver Tipped
Blue..... Pkt. 15c.
One Pkt. of each for 25c.

DWARF BOUQUET. Grow about one foot high. Each plant produces 15 to 20 blooms. Useful to form edgings to flower beds.

2146. White.....	Pkt. 5c.
2156. Crimson.....	" 5c.
2161. Pink.....	" 5c.
2162. Dark Blue.....	" 5c.
2167. Mixed.....	" 5c.

2173. **TRIUMPH.** As the Queen is the largest so is Triumph the most beautiful of dwarf Asters. Each plant in bloom makes a scarlet bouquet. Grows eight inches high. Splendid for pot culture. Pkt., 7c.

DWARF QUEEN. For bedding and pot culture. Splendid for cutting. Height one foot.

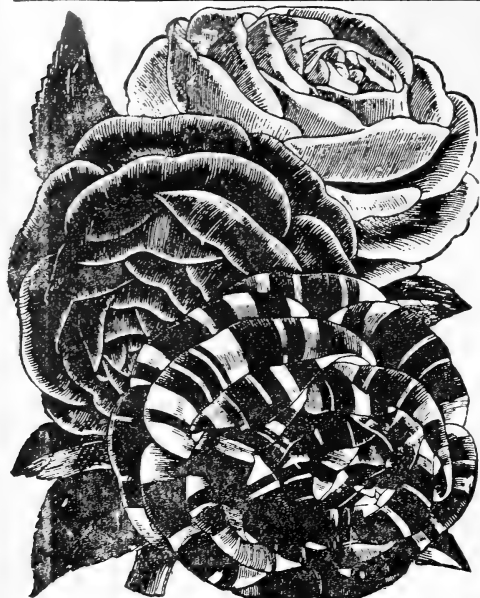
2138. White.....	Pkt. 10c.
2139. Crimson.....	" 10c.
2145. Mixed.....	" 10c.

One of each for 25c.

OUR OWN MIXTURES.

Some of our patrons possibly would like a bed composed of a general and varied assortment of Asters, containing all the classes. We have therefore prepared two special mixtures of tall and dwarf varieties. One pkt. of seed will suffice for an ample quantity of plants to furnish a continuous supply of bloom.

2123. Asters, tall mixed....	5c.
2193. Asters, dwarf mixed....	5c.



CAMELLIA FLOWERED BALSAMS.

..BALSAMS..

Showy annuals that are universal favorites. To grow these to perfection, start the seed in house or hot bed, subsequently transplanting into very rich soil in the garden. Set about fifteen inches apart. Stimulate by weekly applications of manure water.

Improved Camellia-Flowered Balsams.

The best of all Balsams. Flowers very large, perfect in form, as double as the Camellia and produced in abundance.

Any of the following separate colors pkt., 7c.:

- | | |
|--|--|
| 2200. Scarlet. | 2202. Yellow. |
| 2201. Crimson. | 2203. Solferino. White with scarlet spots and stripes. |
| 2206. White. | |
| 2207. Mixed. Many colors | Pkt., 5c. |
| 2208. WHITE PERFECTION. Very large double, pure white flowers. Finest White Balsam in cultivation. | Pkt., 5c. |
| 2209. CARNATION STRIPED. Marked and striped like Carnations | Pkt., 5c. |
| 2210. Double Balsams. Mixed. | ½ oz., 35c.; pkt., 5c. |

BALLOON VINE.

2213. Rapid growing annual. Reaches five feet if grown on warm soil. Flowers white. Pkt., 3c.

—BROWALLIA—

2214. Annual, suitable for bedding in summer and house culture in winter. One and one-half ft. Mixed. Pkt., 3c.

2215. CACALIA. The Tassel-flower. Prized for bouquets. Easily grown. One and one-half foot. H. A. Pkt., 3c.

—CALCEOLARIA—

Prized as among the most showy plants for house culture. They are in bloom about three months and have curious pocket-like flowers in various colors. Eighteen inches. T. P.

2239. Tall. Mixed Pkt., 25c.

2240. Dwarf. Mixed. Pkt., 25c.

2241. Rugosa. For bedding. Pkt., 25c.

UMBRELLA PLANT.

Cyperus Alternifolius.

2265. A strikingly handsome foliage plant, equally well adapted for the greenhouse or open ground, and easily raised from seed. The leaves are striped with white, giving the plant a distinct appearance. Pkt., 10c.

Begonias.

As bedding plants there is nothing to equal the Tuberous Rooted Begonia. They bloom equal to the geranium, but with a form and variety of colors and shading equal to the rose.

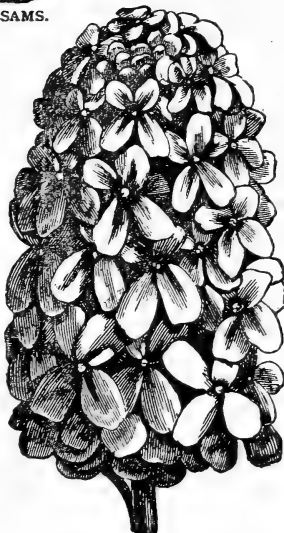
Tuberous Rooted Begonias are easy to grow from seed, and if sown in February or March bloom the same year. They carry a profusion of scarlet, pink and white flowers and make a grand bed in a somewhat shady place. For winter plants sow in August.

2226. Single. Mixed. Pkt., 20c.

2227. Double. Mixed. Pkt., 20c.

FIBROUS ROOTED.

2232. **Begonia Rex.** Grown for their large, beautiful, ornamental leaves. Unexcelled as window plants. Pkt., 20c.



CANDYTUFT EMPRESS.

...BEGONIA VERNON...

2237. No summer bedding plant of winter window bloomer comes more readily from seed and is so constant in flower as this. It stands the hottest sun, is at all times covered with blood red flowers, while its dark green waxy-like foliage makes a pleasing contrast. Pkt., 10c.

For Begonia Bulbs see Bulb Department.

2238. **CALANDRINIA Umbellata.** Beautiful treeping plants, adapted for planting in rock-work or edgings. Bright crimson. Six inches. H. A. Pkt., 3c.

—CANDYTUFT—

A dwarf growing annual, for edgings and beds; indispensable for cut flowers. Sow early where plants are to bloom. Keep seed heads picked off. Grows about one foot high.

2242. Carmine. Pkt., 5c.

2243. Crimson. Pkt., 5c.

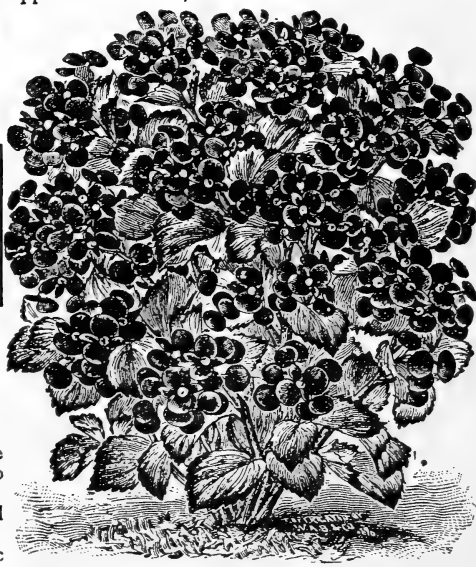
2260. EMPRESS. White,

2244. White Rocket. Tall flower spikes. Pkt., 5c.

2249. Dwarf White. Pkt., 5c.

2254 Mixed. ¼ oz 10c. pkt., 3c.

2255. **Sempervirens.** Perennial; glossy leaves, white; six inches. Pkt., 5c.



BEGONIA VERNON.

CARNATIONS

Are prized for their delightfully fragrant and lovely flowers. They are valuable for flower beds in summer and as winter blooming house plants. Eighteen inches. H. H. P.

~BLOOMING THE FIRST SEASON~

MARGARET CARNATION.

2267. These lovely Carnations are of dwarf habit, requiring no support. They bloom in about four months after sowing the seed, yielding a profusion of fragrant fringed flowers, white, red, pink, variegated and others. By lifting the plants in fall or repeated sowings flowers may be had all winter. Mixed. $\frac{1}{8}$ oz., 25c.; pkt., 5c.

2266. Pure White. Pkt., 5c.

GIANT MARGARET.

A greatly improved strain, producing double flowers three inches across. There is also a greater variety of colors, while the semi-dwarf habit and fragrance is retained. Mixed. Pkt., 10c.

2272. *Chaubaud's Perpetual*. Blooms in seven months. Large, sweet-scented flowers, in same colors as Margaret. Height, sixteen to twenty inches. Pkt., 10c.

2273. *Guillaud*. Selected from the Margaret. In this strain are found clear yellow and yellow striped flowers. Pkt. 10c.



MARGARET CARNATION.

CARNATIONS BLOOMING THE SECOND SEASON.

2278. *Grenadin*. Very early. Dwarf habit. Scarlet flowers; splendid for cutting. Endures the winter with slight protection. Pkt., 5c. 2292. *White*. Pkt., 10c.

2279. *Perpetual or Tree*. Fine for winter flowering. Pkt., 15c.

2280. *Double Dwarf Vienna*. The earliest garden sort. White, sweet-scented flowers. Pkt., 10c.

2285. *PICOTEE*. Fine double mixed. Flowers white or yellow, bordered with purple, red or rose. Pkt., 25c.

2290. *CARNATIONS*. Double finest mixed. This seed will give very favorable results. Pkt., 10c.

2291. *Fine Mixed*. A small percentage will come single. Pkt., 5c.



Canary Bird Flower.

2300. A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Pkt., 5c.

CALENDULA.

Of easiest culture. Excellent for bouquets. H. A. Twelve inches.

2320. *Meteor*. Double yellow, striped with orange. Pkt., 3c.

2325. *Prince of Orange*. The best double Marigold. In general it is similar to Meteor, but much darker in color. Pkt., 3c.

2326. *Fine Mixed*. Pkt., 3c.



CELOSIA—TRIUMPH OF THE EXPOSITION.

Canterbury Bells.

Campanulas thrive in light, rich soil. Worthy a place in every garden. Rich, showy flowers. Two and one-half feet. B.

2367. *Double*. Pkt., 3c.

2368. *Single*. Pkt., 3c.

2369. *Cup and Saucer*. So called from the very large handsome flowers which resemble these household articles. Rose, striped and others mixed. Pkt., 5c.

Celosia or Cockscomb.

Excellent bedding or pot plants, producing their flowers in combs and feathery spikes. H. H. A.

2373. *Crested, crimson*. Tall, two feet. Pkt., 5c.

2374. *Crested, crimson*. Dwarf, one foot. Pkt., 5c.

2375. *Crested, mixed sorts*. Pkt., 5c.

2376. *PRESIDENT THIERS*. Very dwarf. Crimson. Much used in bedding. Fine pot plant. Pkt., 10c.

2377. *Empress*. Crimson comb of colossal size. Pkt., 10c.

2378. *Triumph of the Exposition*. Feathery flower heads of brightest scarlet. Blooms early and the entire season. 2 feet. Pkt., 5c.

CALLIOPSIS or Coreopsis.

The Calliopsis or Coreopsis is among the brightest and cheeriest of flowers. Because they grow anywhere and as freely as a weed they are not seen as frequently as should be. The flowers are produced on long stems thrown well above the foliage. The Calliopsis blooms all summer and its flowers are **unexcelled for bouquets**.

2479. **Golden Wave** (*Drummondii*). Plant is bushy and compact; flowers large, rich golden yellow with crimson-brown center. For a mass of golden yellow this is very effective. Pkt., 5c.

2478. **Calliopsis**. All colors mixed. Pkt. 8c.

NEW HARDY COREOPSIS, "California Sunbeams."

2493. **Lanceolata Grandiflora**. These lovely improved varieties are much larger and more beautiful than any heretofore offered; the flowers are exquisitely formed, some saucer-shaped, others cupped, delicately incurved, while some are quite flat, others like great Buttercups. The petals are broad, with plain round edges in some flowers; in others they are pinked, toothed or irregularly fringed; some are semi-double; in many the petals are daintily curled. They vary in color from pale light yellow to orange yellow, some of them being darker in shade around the eye. The flowers keep fresh in water for a week or ten days. Pkt., 10c.

DWARF ... FRENCH CANNAS. LARGE ... FLOWERED.

For Canna Roots see Bulb Department.

Cannas within recent years have become most popular. They are stately plants with handsome foliage and showy flowers. The seeds are extremely hard and it is advisable to soak them 12 to 24 hours before planting. Cannas come readily from seed; that sown in January or February should produce blooming plants in July. After frost the roots can be dug up and kept over in a frost-proof room until planting out time.

2425. **Large Flowering French**.

Saved the best and largest flowers only. All colors and shades are included. Pkt., 10c.

2426. **Cannas. Mixed**. Tall old type. Pkt., 3c.

CHRYSANTHEMUMS

JAPANESE.

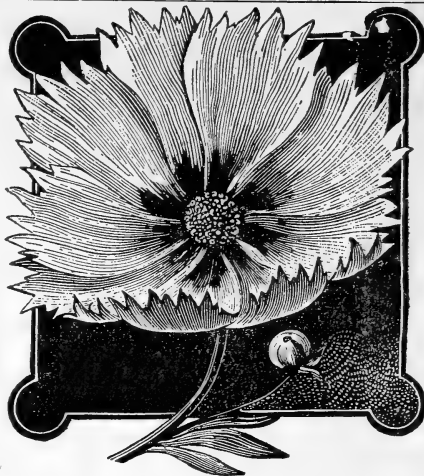
2444. Almost every large city now has its Chrysanthemum show each fall. The magnificent and enormous flowers elicit universal admiration. Seed we offer is from the best Chinese and Japanese. If this seed is sown in a hotbed in February or March, or even in April it will give plants which will bloom next fall. Some very choice varieties may be expected from this seed. Pkt., 25c.



CENTAUREA MARGUERITE.



CHRYSANTHEMUM MAXIMUM.



CALLIOPSIS, GOLDEN WAVE.

CHRYSANTHEMUMS

ANNUAL VARIETIES.

The annual Chrysanthemums are distinct from the autumn flowering varieties, blooming all summer long. They make a beautiful show grown in pots or in beds, and are extensively grown as cut flowers.

2434. **Single. Mixed**. Pkt., 3c.

2439. **Double. Mixed**. Pkt. 3c.

HARDY PERENNIAL SORTS.

2445. **Frutescens Grandiflora**, ('French Marguerites.') Largely grown for cut flowers. They make elegant bushy pot plants for winter flowering, and bloom all summer in the garden. White. Pkt., 5c.

2447. **C. Maximum Perfection**. Beautiful large white flowers, splendid substance, 4 to 6 inches across. A compact, bushy plant, 18 inches high; very floriferous. Flowers in a few weeks from seed. Highly prized for cutting, and lasting in water fully a week. Very effective for garden. Pkt., 10c.

White Leaved CENTAUREA, or Dusty Miller.

Valuable bedding plants or for use in vases and hanging baskets; contrast effectively with dark foliaged plants. H. H. P.

2401. **Candidissima**. Silver white. 1 ft. Pkt., 10c.

2403. **Gymnocarpa**. Deeply cut foliage. 1½ ft. Pkt., 5c.

Bachelor's Button or Centaurea Cyanus.

2399. An old favorite hardy annual, known as **Blue Bottle**, **Corn Flower**, **Ragged Sailor**, etc. It blooms readily almost anywhere and is largely used for cut flowers. Mixed colors in many shades. Pkt., 5c.

2404. **Emperor William**. Dark blue, very fine. Pkt., 8c.

2405. **Victoria**. A dwarf form of the favorite flower of Emperor William I., which grows only about 9 inches high, forming a bell-shaped plant. Its handsome blue color, so rare among flowers, will secure it a place in every garden. Pkt., 10c.; 3 for 20c.

2398. **Cyanus Fl. Pl.** (*Double Cornflower*.) Large, double globe-shaped flowers in new and beautiful colors. Pkt., 5c.

NEW CENTAUREA, Marguerite.

2397. This fine annual from Italy, named in honor of the queen of that country, has, after trial, proved of much merit. It is valuable alike for cut flower and decorative purposes. Grows about eighteen inches high. The large flowers are purest white, deliciously scented and borne on long stems. Pkt., 5c.

2396. **Chameleon Odorata**. This plant is a fitting companion for the lovely Marguerite above described. It produces large, fragrant, blue flowers, changing into white and again into pink. Pkt., 5c.

COSMOS AN UNRIVALED PLANT FOR FALL BLOOMING.

WHEN grown in rows about 20 inches apart, or in masses in a bed, Cosmos produce a beautiful show. The early blooming sorts come into flower in **July and continue until November**. Each plant will reach a height of 3 to 4 feet covered with green feathery like foliage, and hundreds of daisy-shaped flowers borne upon long stems, making them most valuable for cutting for bouquets. The flowers retain their freshness for nearly a week after cutting. The colors are white, pink, crimson, and now a yellow has appeared. All are of great size, beautiful, dainty and handsome.

EARLY FLOWERING COSMOS, "Tints of Dawn."

Commences to bloom in July and continues until frost.

2508. This new variety comes into full flower in July, and continues a mass of bloom until cut down by severe frost. This feature will make the successful cultivation of Cosmos possible in the most northerly States and Canada; but added to this it is of dwarf, compact growth, growing only $4\frac{1}{2}$ feet high, while the old variety growing alongside towers up nearly 7 feet, a victim of the first strong wind. The flowers are fully as large as in the best selections of the old type, the color is a beautiful white, relieved by a tint of rose. Pkt., 5c.

GIANT FLOWERED FANCY COSMOS.

These gigantic flowers measure from four and a half to five inches across, and are of wonderful grace and beauty. They are of the greatest variety possible both in form and color, comprising both single and double flowers; petals fringed, pinked, toothed and plain, and in color from pure white through shades of pink and red to rich dark red—shades heretofore unknown among Cosmos.

2509. Giant Red.....10c.
2510. Giant White.....10c.
2511. Giant Pink.....10c.
2512. Giant Mixed.....10c.

3 pkts., all different, 25c.

2513. New Marguerite Cosmos. Large flowers of from 2 to 3 inches across, petals deeply fringed, resembling Marguerites. Pkt., 10c.

ORANGE YELLOW COSMOS.

2514. This is entirely new both in color and habit. The plants grow 3 to 4 feet high with a mass of brilliant orange yellow flowers. They begin blooming very early, when only about 18 inches high, and continue until severe freezing weather. Pkt., 10c.

2427. CLEMATIS, Large Flowering. Beautiful climber with lovely flowers in blue, white, purple, etc. Hardy, can remain in a permanent situation. Mixed. Pkt., 10c.

COBÆA SCANDENS.

2494. Magnificent, rapid growing annual climber with large bell-shaped purple flowers, adapted for out-door growth in summer also for the house and greenhouse. A thrifty plant will often grow 20 to 30 feet in one season. The seed should be planted edge down, and no water given unless in a warm place, and the soil becomes very dry. H. H. P. 2499. Cobæa Scandens. White. Pkt., 5c.

COLEUS.

Handsome foliage plants **most easily grown from seed** and very popular for bedding also for pot culture. The new, large leaved Hybrids with foliage notched and fringed in a most wonderful manner, are an immense improvement on other sorts. Seeds sown early in the spring will produce fine plants for outdoor planting. T. P.

2506. Finest Varieties in Mixtu e. 1 to 2 feet. Pkt., 10c.

2507. New Large-Leaved Hybrids. Very large and superbly variegated foliage. Mixed. Pkt., 25c.



CINERARIA GRANDIFLORA HYBRIDA.

CINERARIA.

The most popular and the **easiest house plant to grow from seed**. Sow from May to September. Plants grow from 1 to 3 feet high and are covered with flowers, some of them 2 inches across. Greenhouse perennial.

2387. ENGLISH PRIZE STRAIN. Without an equal for size of flowers or beauty of color. This is the strain we supply to florists and it gives such universal satisfaction we have discarded all others. Pkt., 25c.

2390. Cineraria Maritima. (Dusty Miller.) Extensively used for ribbon-planting, vases, hanging baskets, etc.: leaves silver gray; although perennial it is grown as an annual. Pkt., 5c.

CLARKIA. Pretty annual for flower beds. Flowers red, white, pink, purple, etc. Grows about 18 inches high and blooms freely all summer.

2415. Single, 3c. | 2416. Double, 3c.

2505. CLIANTHUS Dampieri. The "Australian Glory Pea." A beautiful shrubby trailer. Flowers pea-shaped, in clusters, bright scarlet with clear, glossy black center. 3 ft. H. H. A. Pkt., 15c.

2504. CUPHEA Platycentra. (Ogar Plant.) Flowers scarlet, tipped with black. A favorite bedding and pot plant. Pkt., 10c.

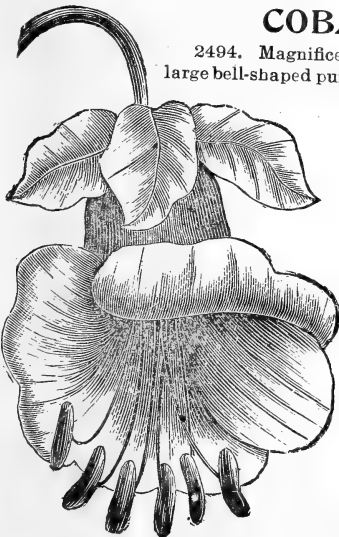
CYPERUS or Umbrella Plant.

2265. A graceful decorative plant which grows readily in water and most easily from seed. The leaves radiate from the stem and curve downward in a drooping manner. Valuable for the window garden. Pkt., 5c.

CYPRESS VINE.

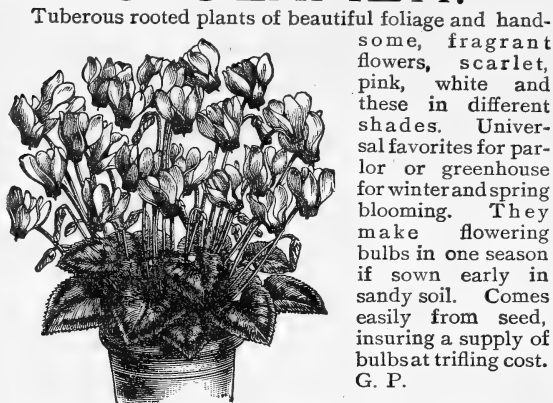
IPOMEEA QUAMOCILIT.

2516. A handsome climber that will run 15 feet or more during the season. Should be planted by the side of a trellis, tree or stakes. Its beautiful dark green foliage and star-shaped flowers in clusters are a mass of beauty all summer long. Mixed. Pkt., 3c.



COBÆA SCANDENS.

CYCLAMEN.



Tuberous rooted plants of beautiful foliage and handsome, fragrant flowers, scarlet, pink, white and these in different shades. Universal favorites for parlor or greenhouse for winter and spring blooming. They make flowering bulbs in one season if sown early in sandy soil. Comes easily from seed, insuring a supply of bulbs at trifling cost. G. P.

2518. **Persicum.** Best mixed varieties. Pkt., 20c.

GIANT FLOWERED CYCLAMEN.

A good specimen plant of this will frequently have fifty flowers open at one time. The leaves are proportionately larger, while the flowers are enormous, much brighter colored, and being on long, stout stems they are valuable cut flowers. Colors separate or mixed.

2522. **Light Red.** Pkt., 20c. | 2524. **White.** Pkt., 20c.
2523. **Dark Red.** Pkt., 20c. | 2517. **Mixed.** Pkt., 20c.

DAHLIA.

Tuberous rooted, fall blooming, outdoor plants, admired by everyone for their handsome flowers. Can be grown readily from seed which, if sown early in the house, will give blooming plants the same season. Colors, red, pink, white, yellow, purple, striped, variegated, etc. A packet of seed rarely produces two plants alike. Take up tubers soon as frost occurs in fall and preserve in a dry frost proof cellar. Two to four ft. H. H. P.

2525. **Double Large Flowered.** Sure to give splendid results. Pkt., 10c.

2526. **Single Mixed.** They make excellent cut flowers and are a mass of bloom all summer and fall. Star shaped flowers with broad petals in almost every color except blue. Pkt., 5c.

DELPHINIUM.—(LARKSPUR.)

Annual Varieties.

More commonly known as Larkspur. An old time annual of branching, erect habit, having showy flowers, red, white, blue, etc. Sow seed very early or even late in fall. Set branching sorts 2 feet apart. Rocket varieties, five or six inches apart.

2550. **Hyacinth Flowered.** The plants grow 2 to 3 feet high. The flowers very strongly resemble those of a Hyacinth, hence the name. Colors white, flesh tinted, lavender and blue in mixture. Easy to cultivate, but seed should be sown where the plants are to bloom. Mixed. Pkt., 10c.

2555. **Double Branching.** Valuable for cut flowers. Continues in bloom until cut down. Pkt., 3c.

2569. **Tall Rocket.** Mixed, fine. 1½ ft. Pkt., 3c.

2561. **Emperor.** Compact plant with numerous long spikes of brilliant double flowers; mixed. Pkt., 3c.

Perennial Varieties.

These are valuable plants for the permanent bed or border. Furnishing an ample supply of flowers.

2562. **Formosum.** Dark rich blue with a white center. 2 ft. Pkt., 5c.

2567. **Nudicaule.** Scarlet, dwarf, abundant bloomer. Fine for flower beds or pot culture. 1 ft. Pkt., 10c.

2568. **Pillar of Beauty.** Sky blue; of so bright a shade it must be seen to be appreciated. Pkt., 10c.

DOUBLE DAISY. (BELLIS PERENNIS.)

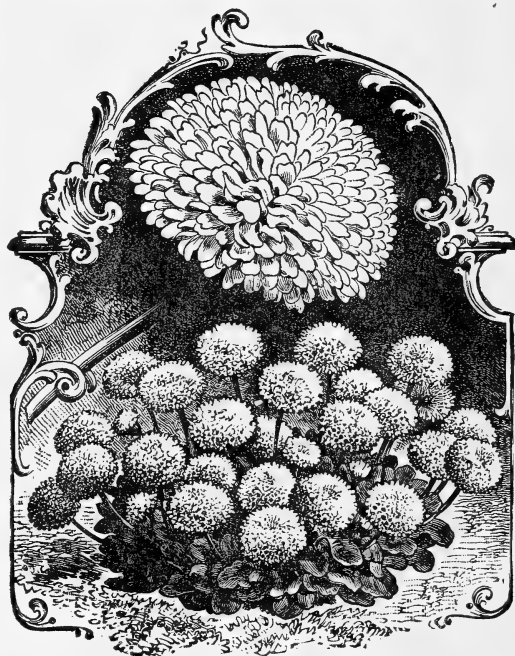
Charming plants indispensable for cool, shady places. Next to the Pansy the most popular garden flower. Seed sown early will give blooming plants in a short time. With protection Daisies will endure our winter and bloom in early spring. H. H. P.

2540. **Longfellow.** Double, dark pink flowers. Comes true from seed. Pkt., 5c.

2541. **Snowball.** A sport of Longfellow with pure white flowers. Free blooming and valuable for cutting. Pkt., 5c.

2542. **Double White.** Finest imported seed, saved from the most perfect flowers. A small proportion may come semi-double. Pkt., 5c.

2543. **Double Mixed.** An unsurpassed strain, including Longfellow and Snowball. Pkt., 5c.



DOUBLE DAISIES.

GIANT FLOWERED DAISIES.

2544. Remarkable for the enormous size and doubleness of their flowers. They are at least two or three times larger than the ordinary Double Daisies. The plants are stronger, bloom earlier and for a greater period. In color they run from snow white to blood red through pink, rose, etc. Mixed. Pkt., 10c.

2545. **Giant White.** The best double white Daisy. Enormous pure white flowers on long, stiff stems, making it valuable for cutting. Pkt., 10c.

DATURA.—(TRUMPET FLOWER.)

2527. Strong growing, branching plants, suitable for backgrounds and shrubberies. Trumpet-shaped flowers. White, lilac and yellow. Very showy. Mixed. Pkt., 5c.

2538. **Cornucopia.** (HORN OF PLENTY.) Leaves dark green, and the stem is brownish purple with a shining surface. The flower is trumpet-shaped, of immense size, often ten inches long and five inches wide at the mouth, with three cones or funnels, one within the other; the inside of tube of a delicate French white, marbled with royal purple on outside. Pkt., 10c.

DIGITALIS.—(FOX GLOVE.)

Showy plants of easy culture, with umbel-shaped flowers borne in spikes. Prefer half shady place. 3 ft. H. P.

2539. **Splendid Mixture.** Three feet. Pkt., 5c.

Dianthus or Pinks.

Garden Pinks, like their relatives the Carnations, are flowers for everybody. They thrive in any soil, grow ten to fifteen inches high and are covered from early summer until overtaken by frost with beautiful sweet-scented flowers in various colors; variegated, striped, red, and some almost black. Splendid for bouquets. All bloom the first season, and some endure our winters, bloom again another year larger and more beautiful than before. With these good qualities they should have a place in every garden. H. B.

Double Flowering Pinks.

2570. **China or India.** Large flowers as double and fragrant as a Carnation. Many colors mixed. Pkt., 3c.
 2574. **China White.** Double white flowers. Pkt., 5c.
 2579. **Double White Japan.** Splendid flowers for bouquets. Two to three inches in diameter. Pkt., 5c.
 2584. **Japan Pink.** In this will be found many beautiful colors. Very large flowers. Mixed. Pkt., 5c.
 2589. **Striped and Fringed.** Grand fringed flowers of light grounds, all of them striped with some other color. Pkt., 5c.
 2594. **Imperial.** Blood red ground striped with pink and white. Different from other striped sorts. Pkt., 5c.
 2604. **Diadem.** Rich flowers generally of dark shades marked with black and white. Pkt., 5c.
 2609. **Mourning Cloak.** One of the most striking flowers. Flowers are very double, of large size and in colors range from maroon and purple to almost velvet black, all sharply edged with clear white, making a beautiful contrast. Pkt., 7c.

2610. **MIXTURE OF DOUBLE PINKS.** All the above double flowering pinks mixed. $\frac{1}{4}$ oz., 15c.; pkt., 5c.

SPECIAL OFFER.

2646. **Single and Double Pinks Mixed.** All the varieties described on this page will make a bed of beautiful flowers; scarcely two plants will be alike in bloom. $\frac{1}{4}$ oz., 15c.; pkt., 5c.



MOURNING CLOAK.



PHEASANT'S EYE PINK.



CHINA PINK.

For
Hardy
Grass Pinks
 See Page 82.

Single Flowered Pinks.

Formerly only double flowers were favorites; the prevailing taste tends towards single varieties. These single pinks are notable for brilliantly colored flowers of large size.

2611. **Single Fringed.** Mixed. Pkt., 5c.
 2612. **Japan.** Blotched, striped and spotted. Pkt., 5c.
 2613. **Crimson Belle.** Crimson flowers, beautifully fringed. Pkt., 5c.
 2614. **Eastern Queen.** Beautifully fringed, marbled and suffused with carmine, rose, mauve and lilac. Pkt., 5c.
 2615. **The Bride.** A very dwarf, compact plant, but with flowers of the largest size and of the richest possible combination of colors. The flower is a clear, pure white, with a radiant, glowing, crimson center, shading into a pink band next to the white border. Pkt., 5c.

2617. **MIXTURE OF SINGLE PINKS.** All the above single pinks in mixture. $\frac{1}{4}$ oz., 15c.; pkt., 5c.

Hardy Perennial Dianthus.

These form nice bushy plants twelve to eighteen inches high. They are unrivaled for permanent beds or edgings around borders. Flowers are fragrant and beautiful.

Pheasant's Eye Pink. Large, handsomely fringed, fragrant flowers of white, crimson or purple shades, spotted and variegated.
 2618. **Single.** Pkt., 5c. | 2623. **Double.** Pkt., 10c.

Dolichos or Hyacinth Bean.

2628. A rapid growing annual climber, desirable for covering arbors, porches, trellises, etc. Flowers purple and white. Its seed pods are purplish in color, highly ornamental and edible. Ten feet. Pkt. 5c.

DRACÆNA OR CLUB PALM.

Ornamental leaved plants for vases and house decoration. T. P.
 2633. **Australis.** Long, narrow, graceful foliage. Pkt., 10c.
 2634. **Indivisa.** Thin leaves. Pkt., 5c. | 2635. **Lineata.** Pkt., 10c.

ESCHSCHOLTZIA. CALIFORNIA POPPY.

Hardy annuals, useful for beds or massing. They begin to bloom in a few weeks from spring sown seeds and continue to flower until late in the fall. The State flower of California. The large, saucer-shaped flowers are of a beautiful yellow, orange or white, the foliage is finely cut, giving the plants an exceedingly showy appearance. One foot. H. A.

2651. **Mandarin.** A new and very beautiful single variety. The outer side of the petals are brilliant scarlet, side rich orange. Pkt., 5c.

2652. **Rose Cardinal.** The flowers are of rich rose-colored hue, most effective and beautiful; single. Pkt., 5c.

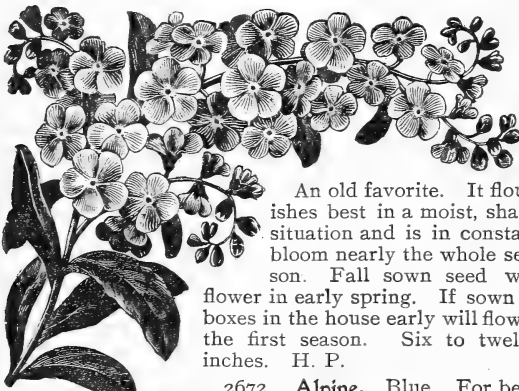
2653. **Single Mixed;** all colors. $\frac{1}{2}$ oz., 15c.; pkt., 5c.

2655. **Double Mixed;** all colors. $\frac{1}{2}$ oz., 25c.; pkt., 5c.

CALIFORNIA YELLOW BELLS.

EMMENANTHE PENDULIFLORA.

2656. Forms a broad bush eighteen inches to two feet high. Each of its branches is fairly loaded with bell-shaped drooping flowers of a delicate cream color. Excellent for bouquets. The flowers are almost everlasting, the corolla drying and retaining its shape until the seed has ripened. A. Pkt. 7c.

FORGET-ME-NOT. (MYOSOTIS.)

An old favorite. It flourishes best in a moist, shady situation and is in constant bloom nearly the whole season. Fall sown seed will flower in early spring. If sown in boxes in the house early will flower the first season. Six to twelve inches. H. P.

2672. **Alpine.** Blue. For bedding. One foot. Pkt., 5c.

2673. **Victoria.** Forms a neat compact bush about six inches high that at all times during the season is one mass of sky-blue flowers with yellow centers. A good sort for pot culture. Pkt., 5c.

2674. **Dissitiflora.** Compact habit, free bloomer. A bed of this when in bloom in spring is a lovely sight, a sheet of sky-blue flowers. Six inches. Pkt., 10c.

2680. **The Jewel.** A new and distinct variety of close, compact habit. Throws up forty to fifty flower stems of perfectly formed sky-blue flowers. Pkt., 10c.

2679. **Palustris.** The true Forget-Me-Not. Flowers dark blue with white eye. Pkt., 5c.

2681. **Mixed.** Small flowers, bushy growth. Pkt., 5c.

GERANIUM.

2682. **Single Mixed Zonale.** Pkt., 5c.

2683. **Apple Scented.** Leaves delightfully fragrant, prized for bouquets. Pkt., 10c.

GILIA.

Hardy annuals with finely cut foliage and clusters of small, delicate flowers, white, lilac and rose colored, desirable for cutting and especially suitable for bedding, rock work, etc. H. A.

2701. **Gilia.** Mixed colors. 12 inches. Pkt., 5c.

2702. **Dwarf White.** A pretty variety that is most desirable for beds on the lawn, parks or cemeteries. Pkt., 5c.

GREVILLEA. (SILK OAK.)

2704. Most profuse bloomer. A beautiful, graceful plant valued as a table decoration and when of large size for tropical effects on the lawn. 2 to 3 ft. G. P. Pkt., 10c.

EVERLASTING FLOWERS.

We group these under one head for convenience of ordering.

Everlastings or straw flowers as they are called are handsome plants, not only for beds and borders, but also as pot plants. They are of easiest culture and will grow in any soil. When the flowers are desired for drying for winter bouquets they should be cut before fully expanded and hung up in the shade to dry.



Any of the following, per pkt., 5c.; 6 pkts. for 25c.

2657. **Acroclinum.** Long stemmed, rose and white.

2662. **Gomphrena Globe Amaranth.** Mixed; all colors.

2663. **Helichrysum.** Double Mixed. Splendid for bouquets. Can be dyed to any desired color or shade.

2664. **Silver Ball.** Flowers immense size, double, white.

2665. **Helipterum Sanfordi.** A very pretty Everlasting. Flowers globe shaped; bright golden yellow.

2666. **Rhodanthe.** Richly colored flowers. Mixed.

2671. **Xeranthemum.** Very double flowers. Mixed.

GAILLARDIA.

Bedding plants remarkable for the size and brilliancy of their flowers; also do well in pots. Thrive in any soil. Unrivalled for cutting; two ft. H. H. A.

2693. **Grandiflora Superba.** Splendid new variety. dark red with bright yellow border. Pkt. 5c.

2694. **Picta Lorenziana.** One of the most useful annuals both for bedding and cutting. Saved from the finest double flowers of different shades

varying from sulphur-yellow to purple. Pkt., 5c.

2695. **Mixed.** Single. Pkt., 5c.

2696. **New Perennial Hybrids.** Flowers much larger than the older sorts and colors more brilliant and varied.

GOURDS.

Climbers with curiously shaped fruit in various colors; of rapid growth, suitable for covering walls, trellises, etc. 20 to 30 ft. T. A.

2697. **Nest Egg.** Fruit resembles in color, shape and size the eggs of hens and is far superior to glass nest eggs. Pkt., 5c.

2698. **Dish Cloth.** The matured fruit will furnish a natural dish cloth, sponge-like and porous, such as are sold in our prominent drug stores. The fruit grows about two feet in length. Pkt., 5c.

2699. **Sugar Trough.** Holds a gallon when well grown. Pkt., 5c.

2700. **Ornamental Gourds,** all kinds mixed. $\frac{1}{2}$ oz., 20c. Pkt., 5c.



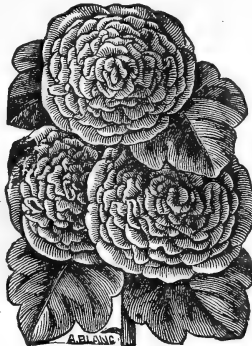
GAILLARDIA LORENZIANA.



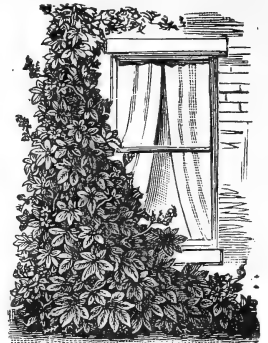
GODETIA, WHITE PEARL.



HELIOTROPE.



HOLLYHOCKS.



HUMULUS JAPONICUS.

GLOXINIA.

Strikingly beautiful greenhouse plants. The magnificent colored flowers are large and bell-shaped, with blotched and spotted throats; 1 foot. T. P.

2703. **Choice Mixture of large flowering sorts.** Pkt., 25c.

GODETIA.

The dwarf and compact growing plants are literally covered with handsome flowers of the most brilliant colors. They are of easiest culture, will bloom well in any situation, and are deserving of more extended cultivation. H. A.

2710. **Godetia. All colors Mixed.** Pkt., 3c.

GYPSOPHILA, or Angel's Breath.

2111. An annual that thrives everywhere and furnishes the loveliest material for all kinds of bouquets, be they Roses, Carnations, Dahlias or anything else. The tiny little flowers are borne in abundance, on long, graceful, branching stems, which lend a most graceful light appearance. Pkt., 5c.; ½ oz., 10c.; oz., 15c.

GYPSOPHILA PANICULATA—Baby's Breath.

2112. Flowers white; a hardy perennial, which will stay in the ground all winter. Pkt., 5c.

HELIOTROPE.

Heliotropes can be grown as readily from seed as Pansies or Verbenas. Sow in open ground in May, and the plants will bloom in August, and earlier if the seed is started in the house.

2723. **Dark Varieties Mixed.** Flowers deep blue, dark purple, some almost black. All very fragrant. Pkt., 5c.

2724. **Mammoth Flowered.** Flowers are twice the size of the older species, fragrance remarkably sweet, and the colors run from pure white to deep indigo. Pkt., 10c.

2732. **Mixed.** Many varieties and colors. Pkt., 5c.



MINIATURE SUNFLOWER.

HOLLYHOCK. (ALTHEA.)

Our Hollyhocks are grand, perfectly double, and of the most brilliant colors. The spikes of this strain are extraordinarily large and the flowers of most perfect form. Seed has been saved with greatest care from the choicest specimens only. Should be sown in June and July to get blooming plants the next summer. Early sown seed will occasionally bloom the first season. H. P.

2740. **Double White,** Pkt., 5c. | 2755. **Double Pink,** Pkt., 5c.

2741. — **Crimson,** Pkt., 5c. | 2748. — **Yellow,** Pkt., 5c.

2742. — **Salmon,** Pkt., 5c. | 2753. — **Maroon,** Pkt., 5c.

2743. **Mixed Colors,** above and others. Pkt., 5c.

2754. **Chater's Superb Double Hollyhocks.** Pkt., 10c.

EVERBLOOMING ALLEGHENY HOLLYHOCKS.

2765. This new variety *blooms the first year from seed*, and the flowers are most decidedly different than those of the old type. They are much larger, 4 to 5 inches in diameter, double and semi-double, fringed and curled. The colors are shell pink, rose and ruby red, a shade or two deeper at the center, and exquisitely tinted toward the edge. Mixed. Pkt., 10c.

HUMULUS JAPONICUS. (JAPANESE HOP.)

2766. This splendid climber in foliage resemble the old-time Hop but the foliage is more dense and exceedingly luxuriant, somewhat rough and hairy. Seed sown in the open ground in spring will produce very large plants in wonderful short time. Insect proof, withstands heat and drought and remains fresh until late in the fall. Pkt., 10c.

2767. **Variegated Hop.** For an unusually attractive climber we especially recommend this. It is just the thing to cover fences, rustic houses, etc. The leaves are distinctly marked and blotched white with yellow. In some cases the color approaches to almost white and again entirely green. The very dense and beautifully marked foliage remains on the vine until cut down by frost; the weather or insects have no effect upon it. Pkt., 10c.

*** HELIANTHUS OR SUNFLOWER. ***

Among the showiest and stately old-timers of the garden. In addition to the Mammoth Russian Sunflower so extensively cultivated for its seeds which are fed to poultry, we have included a few that make good plants for lawns, along fences, etc. The foliage of some is very handsome; others attract attention from their size. H. A.

SINGLE VARIETIES.

2714. **Macrophyllus Giganteus.** Of branching habit, single, yellow flowers, about eighteen inches in diameter. 8 ft. Pkt., 3c.

2715. **Miniature.** Flowers single bright orange, elegant in form, suitable for bouquets as they measure only about two inches across. Plants dwarf and very bushy with fine foliage. Bloom from July until frost. 3 ft. Pkt., 3c.

2716. **Mammoth Russian.** Flowers of immense size, from 16 to 20 inches in diameter. Seeds are used to feed birds and poultry. Pkt., 3c.; lb., 18c. postpaid. Not prepaid, 25 lbs., \$1.50.

2720. **Mixed Sunflowers.** Many varieties, both single and double. Pkt., 3c.

DOUBLE VARIETIES.

2717. **Californicus Fl. Pl.** Extra large orange flowers. Pkt., 3c.; oz., 10c.

2718. **Globosus Fistulosus.** Globular, very large, double orange flowers. The most effective of Sunflowers. 6 ft. Pkt., 3c.; oz., 10c.

2719. **Green-Centered (SCULATUS VIRIDIS.)** Double yellow flowers with green center when young. Five to eight ft. in height. Pkt., 5c.

2713. **Multiflorus.** Forms a dwarf well branched plant. Each branch carries a double globe shaped flower of golden yellow. It is considered valuable for bouquets. Pkt., 5c.



LANTANA.

2791. Bushy plants with large heads of variously colored flowers, orange, white, rose and others, with spicy fragrance. The flowers change color with age and are succeeded by deep blue berries. Lantanas grow very rapidly, requiring space to spread. Two feet. Pkt., 10c.

LOBELIA.

The cultivated herbaceous Perennial Lobelias have graceful foliage and beautiful flowers. The *Erinus* or hanging varieties are used for baskets, vases, etc., and the *compact* sorts for pots, borders and carpet bedding. They flower freely the first year from seed. T. P.

* ERINUS VARIETIES *

Six to ten inches.

2810. *Alba*. White. Pkt., 5c.

2809. *Speciosa*. Bright blue; for hanging baskets or vases. Pkt., 5c.

* COMPACT VARIETIES *

Four to six inches.

2812. *Barnard's Perpetual*. First sent out by a noted English seed grower. The flowers are of the most brilliant ultramarine blue, strikingly marked with a pure white blotch at base of each of the two lower petals. Pkt., 10c.

2808. *Crystal Palace Compacta*. Deep blue. Splendid bedder. Pkt., 5c.

2807. *Emperor William*. Light blue; pkt., 5c.

PERENNIAL LOBELIA.

2819. *Queen Victoria*. Dark scarlet flowers; dark leaves; very showy; three feet. Pkt., 10c.

2814. *Lobelia*. Varieties mixed. Pkt., 5c.



LANTANA.

Ice Plant

MESEMBRYANTHEMUM.

Beautiful dwarf growing plant with waxy-like foliage, which sparkles in the sun, and lovely little flowers. Splendid for hanging baskets and rockwork. Stands sun and drought admirably. H. H. A.

2780. *Crystallinum*. The whole plant covered with ice-like secretions; flowers purple. Pkt., 5c.

2785. *Cordifolium Variegatum*.

The light colored leaves are very attractive for ribboning. Pkt., 5c.

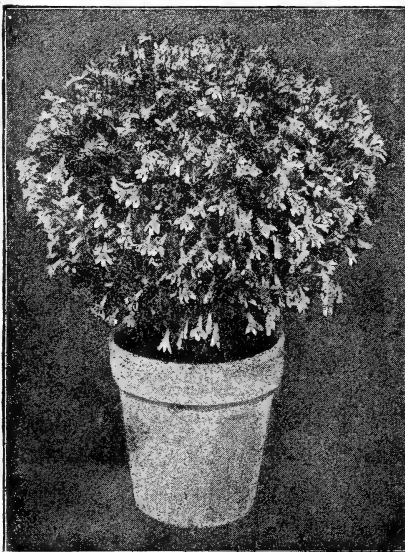


ICE PLANT.

Impatiens Sultani.

2774. A Balsam from Zanzibar, Africa, blooming almost continuously winter and summer. Its rosy carmine flowers have a delicate, waxy appearance and are borne in great profusion. Its easy culture and vigorous growth make it a general favorite as a house or garden plant. Pkt., 10c.

2775. *Sultana Hybrida*. Remarkably beautiful hybrids of this much admired plant in various shades of colors, delicate pink, rose, violet and others. Mixed. Pkt., 20c.



IPOMCEA. See Moonflower.

JERUSALEM CHERRY.

(SOLANUM CAPSICASTRUM.)

2790. A shrub that succeeds well in pots. Dark green leaves, but especially admired for its small, pepper-shaped scarlet fruit. One foot. G. P. Pkt., 10c.

KENILWORTH IVY.

(LINARIA.)

2801. Hardy little climber and a valuable trailing plant. Clings to walls, etc., and is useful in baskets. Neat foliage and small, lavender colored flowers. P. Pkt., 5c.

LAVENDER.

2796. Sweet scented, shrubby perennial, with blue flowers. Its dried heads are used to impart an agreeable fragrance to linen closets. Pkt., 5c.

* LINUM *

2802. A flax, with beautiful scarlet flowers and pretty foliage. Pkt., 5c.

2803. *Perennial Linum*. Mixed varieties. Pkt., 5c.

2813. LOBELIA, White Gem.

A COMPACT variety which forms a ball of pure white flowers, best of its color for beds and edgings. Splendid for pots; blooms in four weeks; pkt., 5c.

LATHYRUS. (EVERLASTING OR HARDY SWEET PEAS.)

2835. Climbers growing six to eight feet. Flowers red, white and flesh colored. The roots penetrate the ground to a great depth and survive our winters. Mixed. Pkt., 5c.

LUPINS OR SUN DIALS.

Easily grown showy plants, useful for beds and borders. Thrive in any soil. They have long spikes of pea-shaped flowers. Two to three feet. H. A.

2804. Tall Varieties Mixed. Pkt., 5c.

2805. Dwarf Varieties Mixed. Pkt., 5c.

2806. *True Blue*. This will please those who admire blue flowers. They are of large size and deep rich color. Pkt., 5c.

LYCHNIS, RAGGED ROBIN.

2834. An old time border plant; produces large heads of brilliant scarlet flowers. Succeeds in any good garden soil. Easy culture, blooms first year from seed. Two feet. H. P. Pkt., 5c.



LINUM.

MARIGOLD. (TAGETES.)

Old time favorites of the garden. The flowers are very double and make a splendid effect in mixed beds or borders; useful as pot plants also. The easy culture and extreme showiness should secure them a prominent place in every flower garden. H. H. A.

DOUBLE AFRICAN MARIGOLDS.

2851. **El Dorado.** Flowers extra large, measuring from $3\frac{1}{2}$ to 4 inches across; varying in shades from a primrose yellow to a deep orange. A robust grower and great bloomer. 3 ft. Pkt., 3c.

2856. **Lemon Queen.** The best type of the African Marigold. Grows about 18 inches high and is covered with large, light lemon flowers. Pkt., 3c.

2858. **Double African, Mixed.** The best varieties. Pkt., 3c.

FRENCH MARIGOLDS.

2859. **Legion of Honor.** The most showy of the Dwarf Marigolds. Flowers rich golden yellow marked with velvety brown. Plants are insect and drought proof and continuous bloomers. Pkt., 5c.

2860. **Dwarf Gold Striped.** Yellow and maroon. Pkt., 3c.

2865. **Choice Mixture** of Dwarf sorts. Pkt., 3c.

(For Cape or Pot Marigold—see *Calendula*.)

MARVEL OF PERU.

(FOUR O'CLOCK MIRABILIS.)

Flowers open in the afternoon, hence name "Four o'Clock." Old fashioned, but none the less beautiful. The plant is large, and requires four feet of space; makes a pretty hedge. The flowers are funnel-shaped, white, red and striped; very fragrant, and opens about 4 o'clock 'n the afternoon, remaining open all night, and generally perish before noon the next day. Will grow in any common garden soil from seed sown in open ground. H. A.

2871. **Fine Mixed Colors.** 2 ft. Oz., 15c.; pkt., 3c.

2872. **Tom Thumb.** Dwarf variety with variegated foliage. 9 inches. Pkt., 3c



MIGNONETTE, MACHET.



MARVEL OF PERU.

MIGNONETTE. (RESEDA.)

The hardest annual in cultivation and a universal favorite for its sweet and delicate fragrance. The newer varieties named below in capitals are valuable improvements

2892. **LARGE FLOWERING.** The common Sweet Mignonette. Oz., 15c.; pkt., 3c.

2896. **AMELIORATA.** Red flowered. Pkt., 3c.

2899. **Gabriele.** Red, very fine, robust; excellent for pots. Pkt., 5c.

2905. **Golden Queen.** Flowers of a golden shade, very fragrant. 5c.

2906. **Victoria.** A beauty in every respect. Dark, glossy green foliage, pretty red flowers, large and of fine form. Grows about 6 inches high. Fine for pots. Pkt., 5c.

2907. **PARSON'S WHITE.** Very fragrant, nearly white. Pkt., 5c.

2908. **Miles' Spiral.** Plant dwarf, branching habit. Flowers white, very fragrant. Spikes 8 to 12 inches long. Pkt., 5c.

2914. **MACHET.** The flower spikes are very broad and long, and the red flowers exceedingly fragrant. It is one of the best varieties for pot culture and bedding, and extensively grown by florists. Pkt., 5c.

2913. **Extra Choice Mixture.** Oz., 25c.; pkt., 3c.

MIMULUS. (Monkey Flower.)

Very showy and admirable pot plants, also suitable for bedding. The charming flowers are spotted and blotched in extremely rich colors. The plants succeed best in moist soil and shaded places; although half hardy perennials, they are usually treated as annuals.

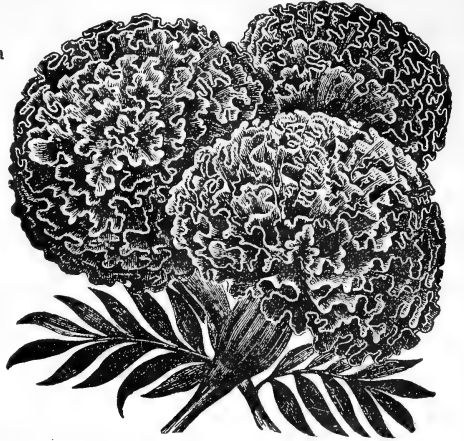
2919. **Moschatus. (Musk Plant.)** The foliage emits a strong musky perfume. Pkt., 5c.

2920. **Tigrinus.** Striped and spotted. Extra mixed. 2 ft. Pkt., 5c.

2926. **Emperor.** The large and beautiful flowers are most showy and attractive. It is not only a great favorite in pots, but does nicely in shady places. Pkt., 5c.

MUSA ENSETE. (ABYSSINIAN BANANA.)

2935. Large-leaved plants making a tropical effect planted on the lawn. They are of remarkably quick growth, often attaining a height of 10 to 15 ft. the first season. The seeds should be sown early in the house, the plants frequently repotted and stimulated with liquid fertilizer, and the pots kept plunged. Pkt., 15c.



MARIGOLD, EL DORADO.

MATRICARIA. (FEVERFEW.)

Pretty free blooming plants, very popular for bedding and pots. H. H. P.

2874. **Capensis, fl. pl.** Double white, fine. Pkt., 5c.

2875. **Exima Crispa, fl. pl.** Double white flowers and pretty curled foliage. Height, 8 inches. Pkt., 5c.

MAURANDIA.

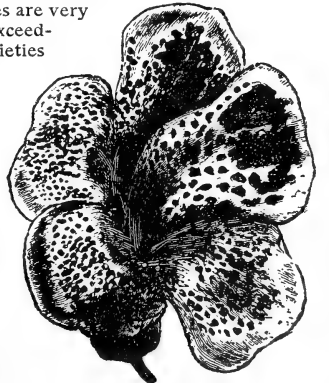
2884. Pretty climbers of rapid growth, flowering freely the first year from seed. 10 ft. T. A. A good collection of colors. 5c.

MESEMBRYANTHEMUM.

(See *Ice Plant*.)

MIMOSA PUDICA. (Sensitive Plant.)

2916. A very interesting plant; the finely cut fern-like leaves closing if touched or shaken. Pkt., 5c.



MIMULUS.

New... Imperial JAPANESE MORNING GLORIES.

GIGANTIC FLOWERS.

MAGNIFICENT FOLIAGE.

EXQUISITE NEW COLORS.

2945. Were sent out for the first time last season with the assurance that they would prove a surprise to all, our claims for their marvellous beauty as made in our last catalogue have been more than fulfilled. In our trials last summer they were the first to elicit the admiration of visitors.

The leaves are large, **heart-shaped**, many of them a rich dark color, **marbled with silvery white or yellow**. The flowers are really gigantic, double the size of the ordinary kind. Their varieties of color are infinite, running from snowy white through all possible shades of blue, and of red, from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion. The Imperial Japanese Morning Glories are of the easiest culture. But as the seed is hard or flinty, before sowing treat as follows: *Draw a sharp knife across one edge of the seed*, just enough to cut through the shell, then soak in luke-warm water long enough to have seed swell to double the size they were when dry. Sow in May in a warm sunny position in good rich soil, and give plenty of water in dry weather. Price per pkt., 10c.; 3 for 25c; oz., 50c.

TALL MORNING GLORIES.

The old fashioned Morning Glory is the standard climber of every flower lover. It is as easy to grow as a weed and will reach a height of 20 feet in one season. Should be sown early and where intended to bloom. Flowers of every shade of white, crimson, rose, blue and striped.

2946. **Finest Mixed**. Many colors. Oz., 10c. Pkt., 3c.

2948. **HEAVENLY BLUE**. Foliage very large, heart-shaped; steel-blue flowers, a color rarely seen. They measure $4\frac{1}{2}$ to 5 inches across and are produced in clusters. A fine variety to grow in the greenhouse but does well out of doors. Pkt., 10c.

MOONFLOWER. (IPOMÆA.)

Evening Glory.

2955. Moonflowers resemble Morning Glories in habit, rapid growth and large flowers. The vines are literally covered with pure white, sweet-scented flowers 4 to 6 inches in diameter which open in the evening and remain expanded until the following day. They require rich ground, a sunny position and a liberal supply of water to secure the best results. Grown under these conditions will sometimes reach a height of 50 feet during the season. H. H. A. Pkt., 10c.



NEW IMPERIAL MORNING GLORIES.

DWARF MORNING GLORIES.

The flowers of these while of the same shape as the tall Morning Glory, contain a greater variety of colors and remain open the entire day. To this class might well be given the appellation **Everblooming Morning Glories** for they bloom from June until fall. Well adapted for hanging baskets and rockeries.

2950. **Finest Mixed**. Many colors. Oz. 10c. Pkt., 3c.

2952. **CONVOLVULUS Mauritanicus**. Fine for hanging baskets. Beautiful blue flowers. Pkt., 3c.

*** New Climbing Nasturtium. ***

HYBRIDS OF MADAME GUNTER.

3977. A new section obtained by artificial hybridizing. The plants make a strong growth, climbing from five to six feet high, and are distinguishable for the **richness and variety of colorings** in the flowers. There are shades of rose, salmon, pale yellow, dark maroon as well as striped and blotched. So ornamental is this new strain and constant in bloom it is worthy a place in every garden. Large pkt., 10c., 2 for 15c. Oz., 20c.

For other Nasturtiums see next page.

NASTURTIIUMS.

See also
NOVELTIES.



DWARF OR BEDDING NASTURTIIUMS.

DWARF OR BEDDING NASTURTIIUMS.

Price, any kind, oz., 20c.; pkt. 5c., except where noted.

3094. **Scarlet King.** Brilliant color.
3095. **Rose.** A delicate shade. Very attractive.
3096. **Yellow.** Light yellow; no blotches.
3097. **Crystal Palace Gem.** Sulphur, spotted maroon.
3098. **King of Tom Thumbs.** Deep scarlet flowers.
3099. **Spotted King.** Orange, spotted with maroon.
3100. **Ruby King.** Ruby red; dark foliage.
3082. **Cerulea Rosea.** Beautiful peach color.
3087. **Gen'l Jacqueminot.** New. Almost identical in color with the well known Rose of the same name.
3092. **Prince Henry.** New. Cream color, marbled with scarlet. Dark foliage. Very handsome.
3107. **Pearl.** Straw color; fine for contrast.
3108. **Beauty.** Light scarlet, splashed canary.
3109. **King Theodore.** Dark, scarlet maroon.
3114. **Empress of India.** Brilliant crimson; dark foliage.
3119. **Cloth of Gold.** Foliage golden yellow, flowers scarlet.
3124. **Lady Bird.** Orange yellow, red spots.
3125. **Aurora.** New. Chrome yellow, the lower petals veined with purplish carmine.
3126. **Mixed Colors.** The above and some others. Pkt., 3c.; oz., 15c.; ¼ lb., 50c.

COLLECTIONS

— of —

CONSTANT BLOOMING NASTURTIIUMS.

All postpaid.

3177. 6 pkts. Tall Varieties, our choice, one of each, 25c.
3178. 6 pkts. Dwarf Sorts, different col., our choice, 25c.
3179. 12 pkts. Half Tall, half Dwarf, our selection, 40c.
3180. 12 pkts. Assorted Colors, our selection, 6 Dwarf varieties, 3 Tall, 3 Lobb's, 40c.

NASTURTIIUMS are showy, popular annuals, but many of the newer and most beautiful sorts are known to a comparative few. When planted in poor soil they seem to bloom longer and are much more brilliant in coloring. They succeed under any circumstances, heat nor drought, do not effect them. The bedding varieties make a charming effect. As the cost of the seed is so low we recommend a trial of a number of sorts and especially the new kinds. Our Imperial mixtures will, we are certain, prove a delight to all who use them. The seeds if picked green make an excellent substitute for capers.

See preceeding page for new Nasturtium.

TALL OR CLIMBING NASTURTIIUMS.

Price, any kind, oz., 15c.; pkt., 5c., except where noted.

3127. **Rose.** | 3128. **Orange.** | 3138. **King Theodore.** Maroon.
3148. **Yellow.** | 3149. **Purple.**
3150. **Crimson.** | 3155. **Chocolate.**
3160. **Scarlet Striped.** | 3161. **Scarlet.**
3166. **Straw Spotted.** | 3167. **Pearl.**
3168. **Scarlet and Gold.** Bright yellow foliage; flowers crimson scarlet.
3169. **Mixed Colors.** Contains all above and some other beautiful sorts. Pkt., 3c.; oz., 15c.; ¼ lb., 50c.

LOBB'S NASTURTIIUMS.

Much more brilliant in coloring than the Tall sorts. Splendid for hanging baskets, etc. Price, any kind, oz., 15c.; pkt., 5c.

3185. **Cardinal.** Dark cardinal red; superb.
3190. **Giant of Battles.** Sulphur, spotted with red.
3191. **Lucifer.** Richest, velvety deep crimson.
3192. **Napoleon III.** Golden, striped carmine.
3197. **King of the Blacks.** Very dark deep brown.
3198. **Spitfire.** Brilliant scarlet; very effective.
3199. **Lobb's Nasturtiums, Mixed.** The above six splendid sorts and others. Pkt., 5c.; oz., 15c.

IMPERIAL NASTURTIIUM MIXTURES.

3170. These superb mixtures, made by ourselves, include all the varieties in our lists and some others. They will make a display of colors far surpassing in effect any thing we can describe. We offer either Dwarf or Tall.

Extra large packet, 10c.; oz., 25c.; ¼-lb., 75c. postpaid.

NICOTIANA.

Large and beautiful flowers of delicious fragrance, very ornamental as pot plants or in groups. Of easy culture. A.

3043. **Affinis.** (*Sweet Scented Tobacco Plant.*) Produces freely deliciously scented large white tubulous flowers. If taken up in fall and potted it will bloom in the house during winter. 2 ft. Pkt., 3c.

NIEREMBERGIA.

Very pretty free-flowering plants that need the same treatment as Petunia. H. H. A.

3053. **Frutescens.** White and lilac; very free bloomer. 5c.

OENOTHERA. (Evening Primrose.)

The curious habit of the flowers, opening just before sun-down and closing before noon next day has made this genus known under the name of Evening Primrose. They embrace beautiful colored varieties, mainly of yellow shades, and are well worthy of cultivation.

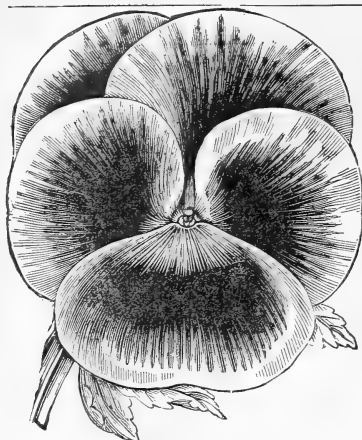
3071. **Hardy Annual Varieties Mixed.** Pkt., 3c.

3072. **Best Hardy Perennial Varieties Mixed.** Pkt, 5c.

MEXICAN PRIMROSE.

3168. **Oenothera Rosea.** This greatly advertised plant is very useful for cultivation in pots or outdoors. Flowers, bright pink with white center. Comes readily from seed. Pkt., 5c.

Your particular attention is directed to our novelty pages.



LOVELY
EXQUISITE

PANSIES

See colored plate front cover of this book.

The seed may be sown in the hot-bed or open ground. If sown in the spring, get in early so as to secure flowers during the early rains and before the hot weather of July and August. Seed sown in May and June will produce very fine flowers in September and October, or after the first fall rains and cooler weather.

**For Some New and Elegant Pansies—See Front Pages.
VARIOUS MIXTURES.**

3249. Florists, it may truthfully be stated, sell more Pansy plants in bloom in early spring than any other flower. We supply them largely with the seeds of which this mixture is composed.

BARNARD'S FLORISTS' MIXTURE.

They grow Pansy plants up to the standard of highest excellence in cool, deep, moist beds, shaded from the afternoon sun, made rich with fertilizers and kept free from weeds. Grand Pansies come from this seed. Dark ones, smooth and of a velvety substance, light and steel blues, slate and mouse-colored. Reds, the nearest approach to scarlet, satiny white, coal black, striped and spotted—almost every imaginable color. In size they are enormous, thick petaled flowers. We can say with confidence that upwards of one hundred distinct Pansy flowers could be picked at one time from a bed grown from this seed. It is the very best that can be had or money will buy. Pkt. 20c; 3 for 50c; 1/8 oz. \$1.50.

GIANT PANSIES, In Separate Colors.

In form and size of flower Giant Pansies excel all others.

Per pkt., any of the following, 7c.; 4 (7c.) pkts. or 3 (10c.) pkts. for 25c., except where noted.

3253. **Bugnot's Superb.** Velvety flowers, each one having a dark colored blotch, upper petals delicately veined.

3254. **Cassier.** Of splendid substance, three to five spotted. Showy and rich.

3255. **Giant Parisian.** Flowers as large as Trimardeau, much superior in coloring.

3256. **Giant Trimardeau.** The blossoms are simply enormous, perfect in form and run through all the varieties of colors. Pkt. 5c; 1/8 oz. (500 or 600 seeds) 20c.

3257. **Auricula Colors.** Beautifully shaded.

3063. **Giant Aurora.** Large pure white, 10c.

3263. **Giant Azure Blue.** Fine.

3264. **Giant Coal Black.** Deep, jet black.

3265. **Giant Copper Color.** We have this strain.

SPECIAL OFFER: The entire collection of Giant Pansies, 20 packets (including mixed), for \$1.00 net. No further discount.

PRIZE PANSIES, In Separate Colors.

Per pkt., any of the following, 3c.; 6 (3c.) pkts. for 15c., except where noted.

- 3306. **Azure Blue.**
- 3311. **Black.** Very dark.
- 3312. **Black and Crimson.**
- 3323. **Bronze Colored.**
- 3324. **Brown Shades.**
- 3325. **Candidissima.** White.
- 3326. **Cardinal.** Brown, scarlet, 8c
- 3336. **Dark Purple.** Rich.
- 3337. **Emperor Frederick.** Purple, scarlet and yellow, 10c.
- 3338. **Emperor William.** Blue with purple eye.
- 3339. **English Face.** Blue.
- 3345. **Fire-King.** Yellow, upper petals purple.
- 3346. **Golden Gem.** Yellow.
- 3347. **Gold Margined.**
- 3348. **Havana Brown.** Glossy.

- 3349. **Light Blue.**
- 3350. **Lord Beaconsfield.** Lavender shade of blue.

- 3351. **Mahogany Colors.**
- 3352. **Mottled and Striped.**
- 3353. **Odier, or Five-Blotched** flowers. Beautiful, 5c.
- 3359. **Peacock.** Maroon, purple and peacock-blue, 8c.
- 3360. **Prince Bismarck.** Bronze.

- 3361. **Purple, white edge.**
- 3362. **Quadricolor.** Steel-blue edged with red and white.
- 3363. **Silver Edge.** Dark ground.
- 3365. **Victoria.** Red, a rich and beautiful shade, 8c.

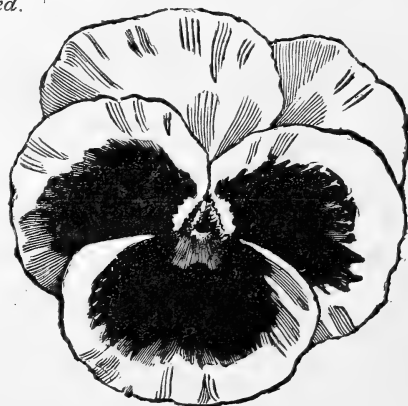
They grow Pansy plants up to the standard of highest excellence in cool, deep, moist beds, shaded from the afternoon sun, made rich with fertilizers and kept free from weeds.

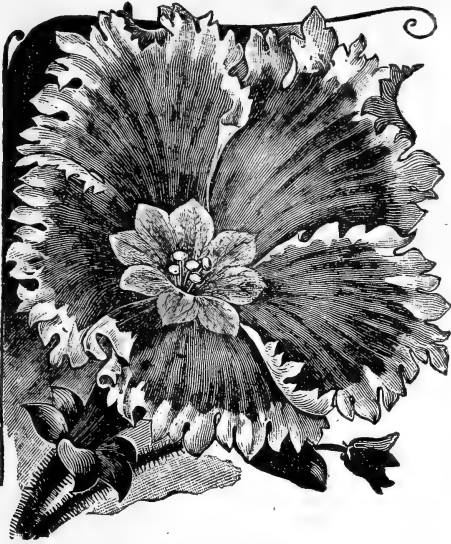
GIANT PANSY MIXTURE.

3250. We give this name to a very careful selection and judicious blending in correct proportions of Giant Flowered Pansy seeds. By their use the purchaser is enabled to obtain in one packet seeds of all the different varieties we name as well as some beautiful sorts not found in any list. In this mixture will be found the highly prized spotted Pansies, marked with three to five blotches on white or richly colored grounds, the charming violet blues and many others of surpassing shadings and markings. Our Giant Pansy Mixture is up to date, all really desirable large circular Pansies being included in its make-up. Pkt. 15c., 2 for 25c; 1/8 oz. \$1.

PRIZE PANSY MIXTURE.

3251. The best Pansies for bedding. Almost an endless variety of all shades of color, including such famous sorts as Cardinal Red, Peacock Blue, light and dark marbled, and five-spotted. They are all of sturdy and even growth. Pkt. 3c.; 1/8 oz., 25c.





PETUNIA—SUPERBISIMA.

PETUNIAS.

Petunias like pansies are flowers for everybody. The tiny garden in the yard, or the beautiful beds seen in the parks of great cities are not complete without Petunias. They are most easily grown, and from early summer to late fall they are loaded with flowers; heat, rain or drought do not effect them. The seeds being very small would better be started in the house, afterwards transplanting the plants one foot apart in the place where they are to bloom. As pot plants Petunias have very few superiors. H. H. A.

SINGLE VARIETIES—Small Flowering.

For very showy beds the small flowered varieties are best.

2960. **Fine Mixed.** Very choice seed. Excellent for bedding. $\frac{1}{8}$ oz., 15c.; pkt., 3c.

2961. **Dwarf Inimitable.** Bushy plants, 5 to 8 inches high. Cherry red flowers with white star. Pkt., 5c.

2962. **Blotched and Striped.** All colors. Fine for pots, window boxes and bedding. $\frac{1}{8}$ oz., 20c. Pkt., 3c.

2963. **Countess of Ellesmere.** Of dwarf habit. Suited for pots and low beds. Pink, with white throat. Pkt., 3c.

2964. **Pure White.** The best to use for cemetery purposes. Pkt., 5c.

2965. **Snowball.** Compact variety, excellent for pot culture. Height, 8 inches. Covered all season long with satiny white flowers. Pkt., 20c.

LARGE FLOWERING.—Single.

Flowers almost twice the size of ordinary Petunias.

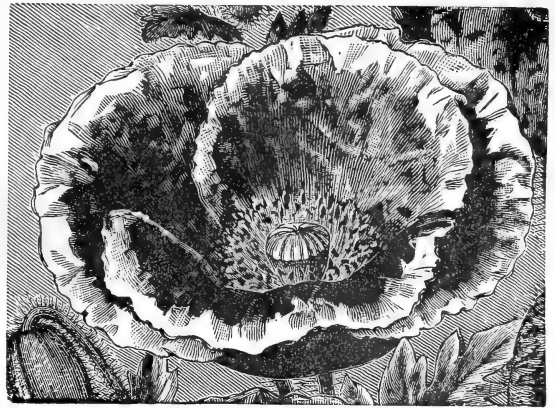
2968. **Giants of California.** The flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions, often five inches across. Their great merits lie in the innumerable variety of colors, with markings, veinings, blotchings, and stripings in the most grotesque and beautiful combinations. Pkt., 15c.

2970. **Fringed.** (FIMBRIATA.) Flowers 4 to 5 inches across of great variety of colors and markings. Deeply fringed. Pkt., 15c.

2971. **Superbissima.** Handsome purple, velvety flowers with veined throats. They are among the finest in form, substance and size. Pkt., 20c.

2973. **Green Margined.** Rose colored flowers with veined throats, margined with light green. Pkt., 20c.

2974. **Large Flowering Single Mixed.** Will bring large beautiful flowers of superb colors and markings. Pkt., 10c.



SHIRLEY POPPY.

DOUBLE FLOWERING PETUNIAS.

Saved from double flowers artificially hybridized.

A certain proportion will come single or semi-double.

2980. **Lilliput.** Bushy plants. Small double flowers spotted and striped. Pretty for pots. Pkt., 25c.

2981. **Dwarf Inimitable.** Striped and blotched. 25c.

2982. **Fringed.** Extra large flowers. Pkt., 35c.

2983. **Pure White.** A splendid strain that will produce very fine double flowers. Pkt., 35c.

2984. **Barnard's Double Mixed.** Hybridized and imported seed from a famous European Petunia specialist. Sure to produce grand flowers. Pkt., 25c.

POPPIES.

SINGLE ANNUAL POPPIES.

2993. **TULIP POPPY.** So called from the great similarity of its vivid scarlet single flowers to those of the Scarlet Duc Van Thol Tulip. After a time two black spots appear at the base of the petals. Constant and profuse bloomer. Pkt., 5c.

2994. **SHIRLEY.** Generally single, sometimes semi-double, colors range from white, rose, pink and carmine to bright, sparkling crimson. Pkt., 3c.

2995. **Danish Flag.** Brilliant scarlet flowers with white cross in center. Pkt., 3c.

2996. **Single Poppies, Mixed.** Many colors, $\frac{1}{2}$ oz. 15c., Pkt., 3c.

DOUBLE ANNUAL POPPIES.

2992. **WHITE SWAN.** A new poppy of bushy habit. Height 18 inches. Flower snow white, extremely double, large, and borne on stiff stems. Continues to bloom longer than any other poppy. Pkt., 5c.

3000. **American Flag.** Large, snow white flowers, each petal bordered with scarlet. Pkt., 7c.

3001. **Paeony-Flowered.** Broad petals like those of a Paeony. Mixed. 2 ft. Oz., 25c. Pkt., 3c.

3002. **Mikado.** Flowers pure white at the back, edge of petals deep scarlet. Pkt., 3c.

3012. **Snowdrift.** Very large flowers, perfectly double pure white. Pkt., 3c.

3017. **Carnation-Flowered.** Globular flowers slashed and fringed. 2 to 2½ ft. Mixed. Oz., 25c. Pkt., 3c.

3018. **Cardinal.** Glowing scarlet on white ground. Compact habit. 18 in. Pkt., 5c.

3019. **Double Poppies, Mixed.** Oz., 20c. Pkt., 3c.

HARDY PERENNIAL POPPIES.

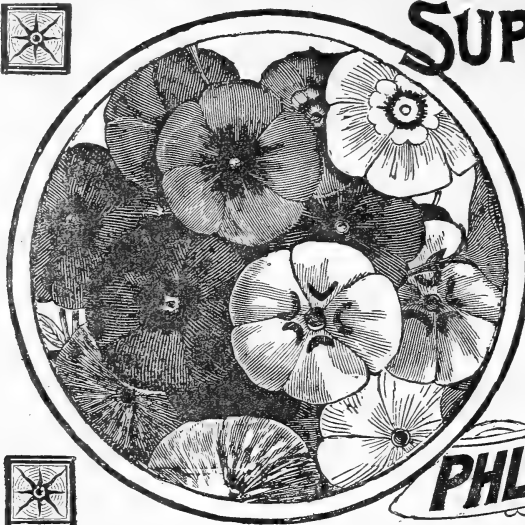
3026. **Iceland.** (Nudicaule.) Splendid for cut flowers. Purest white to deep orange scarlet. Mixed. Pkt., 10c.

3027. **Double Iceland.** Pkt., 10c.

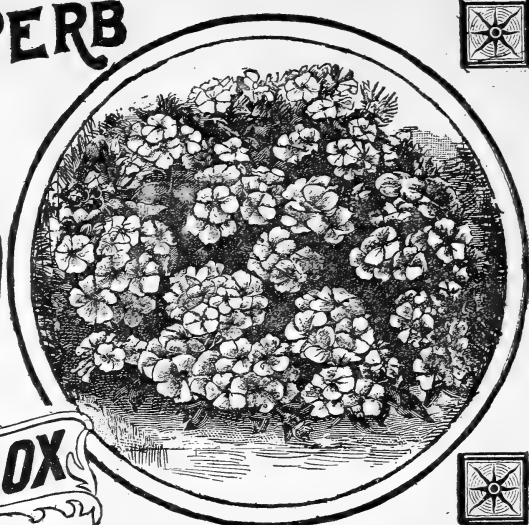
3028. **Oriental.** Very large vivid crimson flowers with black spots on their petals. Mixed. Pkt., 10c.



SUPERB



PHLOX



PASSION FLOWER.

3222. A good climber, suitable for outdoor cultivation in the South in summer, but chiefly grown in green-houses. Flower in several colors, composed of rays, afterwards succeeded by fruit. Mixed. Pkt., 5c.

PENSTEMON.

3227. Very ornamental plants that make a splendid effect in borders, etc. They bloom from June until late in the fall. The half-pendant bell-shaped flowers show beautiful shades and markings of scarlet, pink, white and blue. Sow in May in a cool, shady place. 2 ft. H. P. Large flowering, mixed. Pkt., 5c.

PERILLA.

These are handsome foliage plants with dark, ornamental, broad and notched leaves. They grow about 18 inches high, and are used as background to geraniums and other bedding plants. H. H. A. *Start seed under glass.*

3238. *Nankinensis Atro Laciniatis.* Deep mulberry foliage, edges finely cut; 2 ft. Pkt., 5c.

3239. *Macrophylla.* Dark, finely cut foliage, dwarf, fine. Pkt., 5c.

PINKS.—See *Dianthus*.

PORTULACA.

One of the best hardy annuals to grow in beds, baskets or in rockwork. Thrives in the hottest sun and is one mass of bloom all summer long. The flowers are very showy and of different colors.

3220. *Single, Mixed.* Pkt., 3c.

3221. *Double, Mixed.* Pkt., 5c.

PYRETHRUM.

(Also known as *Feverfew*.)

The varieties which are grown for their flowers may be found under the heading of *MATRICARIA* (page 7).

YELLOW LEAVED SORTS.

Bushy, dwarf growing plants, used principally for edgings to fancy beds. H. H. P.

3460. *Aureum. (Golden Feather.)* Yellow foliage. Pkt., 5c.

3465. *Golden Gem.* Double white flowers. Pkt., 5c.

3466. *Selaginoides. (Fern leaved.)* Very dwarf, golden yellow foliage. This makes a handsome edging to a bed of colors. Pkt., 5c.

PHLOX DRUMMONDI.

THIS is a favorite with everybody. It thrives in almost any soil, blooming in the greatest profusion from June until late fall. Seed may be sown in the open ground in May, indoors or in a hotbed earlier. The seedlings should be set out about a foot apart; if too thick mildew attacks them.

Phlox Drummondii makes a very good border plant, but it shows to better advantage by placing each color in a separate bed, or in ribbons or lines of color. Good contrasts can be made by the use of scarlet, white and pink. Even the mixture will produce a bed of flowers of most brilliant coloring. H. A.

3458. *Phlox Drummondii.* Great variety of colors. Oz., 50c; ¼ oz., 15c; pkt., 3c.

LARGE FLOWERING PHLOX.

The large flowering Phloxes show decided improvements in size, shape and color over the old Drummondii class. The flowers are round, the petals overlapping. 1 ft. H. A.

3419. *Splendens,* scarlet

3422. *Carmine,*

3420. *Pure White*

white eye

3421. *Rosy Carmine*

3423. *Blood Red*

3420. *Chamois Rose*

3424. *Mixed*

Per pkt., 5c; any 4 for 15c.

NEW DWARF PHLOX.

(*Nana Compacta*.)

The little bushy plants grow rarely over 8 inches high and throughout the entire season they are full of flowers. They are recommended for culture in pots, beds or edgings of borders.

3439. *Pure White*

3450. *Rose*

3444. *Red*

3451. *Blood Red*

3445. *Blush Rose*

3452. *All Colors*

Mixed

Per pkt., 10c; 3 pkts. for 25c.

STAR SHAPED PHLOX

3434. Most attractive sort. The colors are about the same as in other Phloxes. Mixed. Pkt., 10c.

HARDY PHLOX.

3457. They are entirely hardy, grow tall, and their large heads of flowers of various colors make a grand show in summer. Hardy, mixed. Pkt., 10c.

BARNARD'S PHLOX MIXTURE.

3459. In this we include seeds of all the Phloxes above named except the hardy varieties. One pkt. will be ample for a large bed. If we had but one flower to plant in the garden it would be Phlox Drummondii in mixture. Large pkt., 10c.



STAR
PHLOX.



HARDY
PHLOX.

PRIMROSES.

CHINESE Primroses are lovely and useful little plants for pot culture, that bloom most freely during winter and spring. The delicate colored flowers measure $1\frac{1}{2}$ to 2 inches and are borne in large clusters. Sow in February or March in very fine, light soil. Pot into small pots, shift two or three times during the summer, and keep in a cool, moist, shady place, and success is sure. T. P.

Our Primula seed is from the best English growers, and in quality is second to none.

Single, Large-Flowering, Fringed Varieties.

3473. **Alba Magnifica.** Splendid pure white flowers with yellow eye, measuring two inches. Very beautiful. Pkt., 25c.

3476. **White.** Pkt., 25c. | 3477. **Red.** Pkt., 25c.

3482. **Crimson.** Pkt., 25c.

3474. **Fern Leaved.** Very pretty, long fern-like foliage. Mixed Colors. Pkt., 25c.

3483. **Mixed, Large Flowering Varieties,** includes all the above and several others. 100 seeds. 15c

Double Large Flowering, Fringed Varieties.

Saved from the most select, large flowered fringed flowers. The seed we offer will produce a large percentage of superb double flowers of great substance and fine form.

3484. **White.** Pkt., 50c. | 3489. **Red.** Pkt., 50c.

3494. **Double Mixed.** Pkt., 50c.

VARIOUS GREENHOUSE PRIMULAS.

The following varieties are all of the easiest culture in the greenhouse or in light windows of dwelling houses. They flower most abundantly and for as much as eight months of the year.



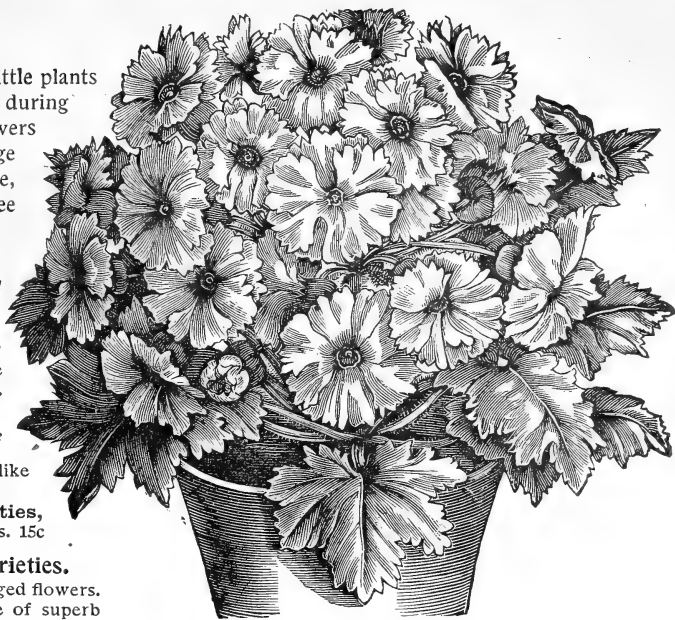
PRIMULA FORBESI.

3502. **Large Flowering Obconica.** Seed of this much prized sort if sown in March will bloom in June. The flowers are much larger than that of the old type. They are borne on stems about nine inches high; color white with a tinge of lilac, with an agreeable fragrance. Pkt., 10c.

3495. **Obconica.** Ordinary size flowers. Pkt., 10c.

3505. **Obconica Fimbriata.** A fringed flowered variety. Flowers same color as above. Most useful for cutting as the sort. Mixed. Pkt., 10c.

Forbesi. (Baby Primrose.) This is a most precocious bloomer, for the little plants throw up flower stalks when but a few weeks old. Flowers are delicate rose on long stems. Valuable for bouquets. Pkt., 15c.



PRIMULA SINENSIS FIMBRIATA.

HARDY PRIMROSES.

Under this heading will be found some well known favorites, which are constantly increasing in popularity. They are beautiful, low growing, early spring flowering plants suitable for rockeries, borders and pot culture. They should have a place in every garden. Our seed is from an English grower who has given much attention to this flower. H. P.

3475. **English Yellow Primrose.** (P. VULGARIS.) So well known to all flower lovers as to need no description. Pkt., 10c.

3498. **Polyanthus.** (P. ELATOR.) Any one who has seen or read of the beautiful beds of this lovely flower as grown in the public parks and private gardens of England will be sure to want a packet of seed. Flowers are borne on long stalks, each summounted by a large number of handsome flowers. Mixed colors. Pkt., 10c.

3496. **English Cowslip.** (P. VERIS.) This is an old favorite flower, blooming very early in spring. Mixed. Pkt., 10c.

3497. **Japanese Primrose.** (P. JAPONICA.) This is one of the most beautiful; is hardy in most parts of Europe but in this country should be protected or grown during the winter in cold frames. The flowers which measure an inch across are of various colors, crimson, maroon, lilac, pink, white, etc., borne on stems about eighteen inches high. Pkt., 10c.

RICINUS, OR CASTOR OIL BEAN.

Rapid growing, stately plants, with very ornamental foliage and showy fruits. They are splendid for subtropical effects, either planted singly on the lawn or in the centre of a Canna or Caladium bed. 6 to 15 ft. H. H. A.

3504. **Borboriensis Arboreus.** Beautiful green leaves of immense size. 12 to 15 ft. Pkt., 3c.

3507. **Zanzibarensis.** An entirely new and distinct class of Castor Oil Beans from Africa, having short, stocky stems and enormous leaves, often two to two and one half ft. across. Foliage of different colors, dark predominating. The seeds are very large and particularly handsome in appearance. All the varieties have a tropical, luxuriant form and are sure to please all who try this sort. Mixed. Pkt., 5c.

3506. **Sanguineus.** Beautiful dark foliage and bright seed pods. Very showy. 6 ft. Pkt., 3c.

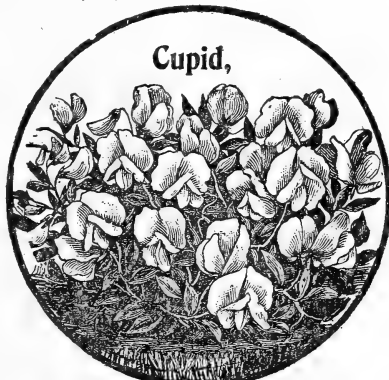
3508. **Gibsoni.** Dark purplish red foliage and stems; highly ornamental; 6 ft. Pkt., 3c.

3509. **Castor Beans, Mixed.** Above and several others. 5c.

You can do your friends a favor as well as us, by asking them to join with you in ordering Flower and Vegetable Seeds, or by sending their names and addresses that we may mail them a Catalogue.

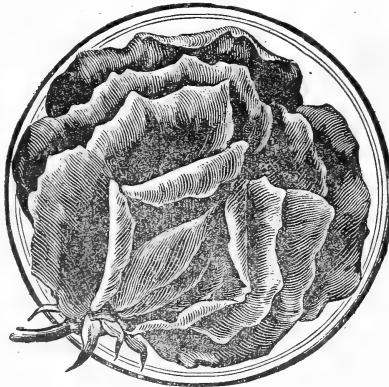
**EXTRA EARLY Blanche Ferry.***The Earliest of all Sweet Peas.*

3686. Blooms with greatest profusion, either under glass or out of doors, from ten days to two weeks earlier than its parent. Its color is the favorite pink and white of the Sweet Pea, which contrast so prettily. It is semi-dwarf in habit and can be grown without support. Pkt., 3c; oz., 7c; $\frac{1}{4}$ lb., 15c.

**Cupid,****DWARF SWEET PEAS.**

3702. **WHITE CUPID.**—This charming variety only grows from 6 to 10 inches high, making a dwarf, compact plant, often sprading over an area of from 10 to 15 inches. The flowers are pure white, of good substance, two and three to a stem and are very sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

3703. **PINK CUPID.**—In habit and manner of growth it is identical with the above. It usually produces at one time from three to four pink flowers. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

**DOUBLE SWEET PEAS.**

3710. We offer a number of varieties in mixture. These double sorts do not all come true from seed. A portion of them will produce semi-double flowers. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

Sweet Peas

THERE is no annual grown that is more popular, or that is more admired by all, than the Sweet Pea, with its delicate colors and delicate perfume. For cutting, for bouquets, vases, corsage and buttonhole wear, no flower except the rose can compare with them. To succeed best they should be sown as soon as the ground can be worked in the spring, and when well up given bush or strings to support them. They commence to bloom early, and if the flowers are picked as soon they fade, will continue to bloom all summer. If allowed to form seed they will soon stop flowering and die down. H. A.



See
also
front
pages.

A List of SELECTED SWEET PEAS.

Every One Who
Cultivates Flowers Should
Plant Sweet Peas.



Our List Includes
All of the Best Varieties,
Both Old and New.

Our Stocks are grown for us by the most careful cultivators.

	Pkt.	oz.	$\frac{1}{4}$ lb.
3679. America. White, striped with scarlet.....	.03	\$.05	\$.15
3680. Appleblossom. Bright rose and pink.....	.03	.05	.15
3683. Aurora. Salmon on white.....	.03	.05	.15
3684. Blanche Burpee. Pure white, very large....	.03	.05	.15
3685. Blanche Ferry. Pink and white.....	.03	.05	.15
3686. " " <i>Extra Early.</i> 10 days earlier.....	.03	.05	.15
3687. Blushing Beauty. Delicate, soft pink.....	.03	.05	.15
3693. Boreatton. Dark maroon.....	.03	.05	.15
3689. Brilliant. Bright scarlet.....	.05	.10	.25
3694. Captain of the Blues. Purple and blue.....	.03	.05	.15
3695. Captivation. Claret color.....	.05	.10	.25
3696. Celestial. Lavender blue.....	.05	.10	.25
3704. Columbia. Red, white and blue.....	.05	.10	.25
3705. Countess of Powis. Orange and purple.....	.05	.10	.25
3697. Countess of Radnor. Pale mauve.....	.03	.05	.15
3696. Crown Jewel. Yellow veined with rose.....	.05	.10	.25
3702. Cupid. Dwarf, white.....	.05	.10	.30
3703. Cupid. Dwarf, pink.....	.05	.15	.40
3708. Daybreak. Scarlet on white ground.....	.05	.10	.30
3709. Dorothy Tennant. Rosy mauve. Fine.....	.03	.05	.15
3706. Duke of Clarence. Claret color.....	.03	.05	.15
3711. Emily Henderson. Purest white. Early.....	.03	.05	.15
3712. Emily Lynch. Rose pink.....	.05	.10	.25
3713. Firefly. Deep fiery scarlet.....	.03	.05	.15
3718. Gaiety. Striped crimson on white.....	.03	.05	.15
3724. Golden Gate. Lavender and pink.....	.05	.10	.25
3729. Golden Gleam. Primrose yellow.....	.05	.10	.25
3723. Gray Friar. Purple on white ground.....	.03	.05	.15
3730. Her Majesty. Clear, deep rose.....	.03	.05	.15
3740. Katherine Tracy. A lovely pink.....	.05	.10	.25
3745. Lady Nina Balfour. Delicate mauve.....	.05	.10	.25
3741. Lady Penzance. Orange rose. Fine.....	.03	.05	.15
3742. Litt'e Dorrit. Pink, wings white.....	.03	.05	.15
3743. Lottie Eckford. White, edged with blue.....	.03	.05	.15
3744. Lovely. A splendid pink.....	.05	.10	.25
3768. Maid of Honor. Blue on white.....	.05	.10	.25
3750. Mars. Fiery crimson.....	.05	.10	.25
3752. Mrs. Jos. Chamberlain. Striped, bright rose on white.....	.05	.10	.25
3753. Mrs. Eckford. Primrose yellow.....	.03	.05	.15
3758. Mrs. Gladstone. Soft, rosy pink.....	.03	.05	.15
3767. Mrs. Sankey. A good white.....	.03	.05	.15
3773. New Countess. Light lavender.....	.05	.10	.25
3774. Orange Prince. Orange pink. Lovely.....	.03	.05	.15
3775. Prima Donna. Soft rose pink.....	.05	.10	.25
3780. Princess of Wales. Striped mauve on white.....	.03	.05	.15
3785. Ram na. White splashed with pink.....	.05	.10	.25
3790. Red Riding Hood. An odd-shaped flower.....	.05	.10	.25
3800. Salopian. Fine scarlet.....	.05	.10	.25
3801. Shehzada. Dark maroon.....	.05	.10	.25
3802. Stanley. Rich purple.....	.03	.05	.15
3807. Stella Morse. Primrose, flushed with pink.....	.05	.10	.25
3819. Triumph. Orange pink.....	.05	.10	.25
3824. Venus. Salmon buff. Shaded pink.....	.03	.05	.15

..Collections and Mixtures..

Read this surprisingly liberal offer:

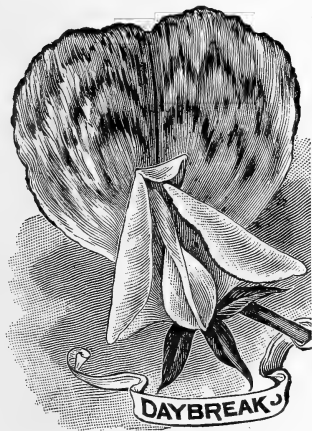
"Surprise" Collection

20 PACKETS
ONLY 50 CENTS.

want to scatter Sweet Peas broadcast this season, so make your selections. *Twenty packets, prepaid, only 50c.*

"BOUQUET" COLLECTION.

We planned and named this collection a few years ago when the first of the large flowered Sweet Peas made their advent. The object sought for in arranging it is to supply seeds of varieties whose cut flowers, taken collectively, will make a bouquet so diversified in coloring, so perfect in form of flower, as to represent the highest type of improvement in Sweet Peas. But, larger and better varieties are brought out each year with richer hues, brighter and even daintier shades than before. In the present collection will be found *The Cream of Sweet Peas*. There is no dead timber in it. Every variety of similar characteristics and all inferior sorts have been ruthlessly discarded. We now offer a "Bouquet" Collection of sixteen of the latest, best and most distinct Sweet Peas as follows:



BouquetCollection

Containing one packet each of the above sixteen superb flowers, 50c.

The sixteen kinds named above, each put up in a separate ounce bag, making a pound of Sweet Peas for 75c. Considering the quality this is a good bargain.

- 3687. **Brilliant.**
The best scarlet.
- 3694. **Celestial.**
Lavender blue.
- 3695. **Countess of Radnor.**
Mauve.
- 3696. **Crown Jewel.**
Yellow veined, with rose.
- 3703. **Daybreak.**
Watered scarlet on white.
- 3706. **Duke of Clarence.**
Claret. Showy flower.
- 3708. **Emily Henderson.**
Pure white. Early.
- 3711. **Gray Friar.**
Watered purple on white.
- 3723. **Katherine Tracy.**
A lovely pink.
- 3730. **Little Dorrit.**
Rosy pink, wings white.
- 3741. **Mars.**
Fiery crimson.
- 3752. **Orange Prince.**
Orange salmon, wings pink.
- 3768. **Ramona.**
White, striped with pink.
- 3773. **Red Riding Hood.**
An oddly shaped one.
- 3775. **Stanley.**
Dark maroon.
- 3780. **Venus.**
Salmon buff, shaded pink.

Sweet Peas

FOR
EVERY
GARDEN.

At Greatly Reduced Prices



ROYAL MIXTURE.

It contains seeds of more than thirty varieties of very choice Sweet Peas.

MAYBE....

...You think that's exaggeration!

However, we will prophesy that if you allow yourself to invest in even one oz. of our

"Royal Mixture of Sweet Peas"

you will not only be rewarded with a wealth of glorious flowers, but derive greater satisfaction in growing Sweet Peas than ever before.

These are pure whites and white striped with other colors, fiery scarlets, blues, steel and purple, pinks; all shades, orange, yellow; so many we cannot specify. *There is nothing cheap about this superb mixture except the price, and that is reasonable.* In no other manner can so wide a range of beautiful flowers be found in Sweet Peas as is afforded by purchasing our Royal Mixture. Pkt., 3c.; oz., 7c.; ¼ lb., 25c.; lb., 60c., postpaid.

....SEE....
WHAT
IS IN IT!

Hardy or Everlasting Sweet Peas.

(LATHYRUS ODORATUS.)

2835. Climbers growing six to eight feet: Flowers red, white and flesh colored. The roots penetrate the ground to a great depth and survive our winters. Mixed colors. Pkt., 5c.

If you should receive two copies of this Catalogue please hand one to an interested friend.

SUBURBAN MIXTURE...

There are an abundance of excellent varieties of Sweet Peas in this. It does not contain seeds of the very newest sorts, but purchasers can rely upon its producing abundance of lovely flowers. Lb., 35c.; ½ lb., 20c.; ¼ lb., 10c.; oz., 5c.; pkt., 3c.



SALVIA, CLARA BEDMAN.

SCABIOSA. Mourning Bride.

Summer-blooming border plant, producing very double flowers of various colors. A splendid flower for bouquets.

3520. Tall Double Mixed. A. Pkt., 3c.
 3521. Dwarf Double Mixed. A. Pkt., 3c.
 3522. Golden Yellow. Dwarf plants. Double yellow flowers. A. Pkt., 5c.
 3523. Snowball. White. 1½ ft. A. Pkt., 3c.
 3524. Caucasia. (Hardy Scabiosa.) Pale blue, 2 to 3 ft. Pkt., 5c.

STOCK, TEN WEEKS.

(Gillyflower.)

Seeds of the Stock may be sown in the open ground or in the hot-bed, but if to be transplanted, let it be done when the plants are quite small. A little shade from the hottest sun, and water in the evening, will add much to the size, beauty and durability of the flowers.

All varieties are desirable as pot plants as well as in the open garden. A bed of Dwarf German Ten Week Stock when in bloom is a blaze of showy, most fragrant flowers. 9 to 18 inches.

LARGEST FLOWERING DWARF GERMAN.

Pkt.	Pkt.
3558. Light Blue....10c	3554. Purple.....10c
3559. Crimson....10c	3555. Blood Red...10c
3560. Canary.....10c	3556. Pure White...10c
3562. Mixed.....10c	3557. Rose.....10c

3561. Wallflower-Leaved. Glossy foliage. Mixed. Pkt., 5c.

3563. Imported collection of 6 distinct colors, 30c.

3572. **PARISIAN**, of dwarf habit, splendid for pots. Much larger flowers than the German. Mixed. Pkt., 10c.

3565. **Snowflake**. Pure white flowers, almost like wax. Good for forcing. 9 in. Pkt., 10c.

3566. **Princess Alice**. (Cut and Come Again.) A perpetual bloomer, of tall branching, habit loaded with white flowers. They seem to like to be cut. Pkt., 10c.

3571. **Intermediate**. Sow in July. Bloom in fall or early spring. Double mixed. Pkt., 10c.

3570. **Brompton**. Bushy plants that bloom in winter or early spring. H. H. B. 2 ft. Double mixed. Pkt., 10c.

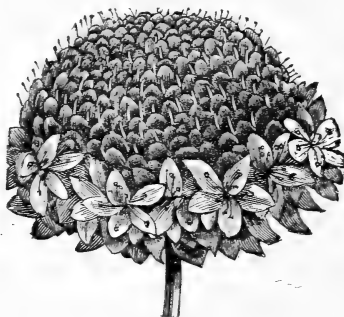
SALVIA. (Flowering Sage.)

Salvias make grand beds of long spikes of flowers of brilliant color. Stand heat and drought remarkably well. They are splendid winter blooming plants in sunny windows. Bloom first year from seed. 1½ to 2 ft: H. H. P.

3510. **Argentea**. Silvery foliage; white flowers. Pkt., 5c.
 3511. **Coccinea Hybrida**. Dark crimson, dwarf. Pkt., 5c.
 3512. **Patens**. Deep, rich blue. A lovely shade. Pkt., 15c.
 3513. **Splendens**.—(Scarlet Sage.) Bright scarlet. Pkt., 10c.
 3518. **Clara Bedman**. Differs from all others. Forms a compact bush 2 feet high by 2 feet in diameter. Its bright scarlet flowers standing well out from the plant make it very attractive. *Without question it is the best bedding Salvia yet introduced.* Pkt., 15c.

SALPIGLOSSIS.

3519. Strong bushy plants with curiously and beautifully pencilled and marbled funnel-shaped flowers of richest colors. They are among the best fall flowers. 1½ ft. H. A. Pkt., 5c.



SCABIOSA.

SMILAX.

3532. Most graceful greenhouse climber. For bouquets and decorative work indispensable. Leaves small, glossy green. Flowers white, fragrant. T. P. Oz., 75c. Pkt 10c.

SCARLET

✻ **RUNNER** ✻
BEAN.

3526. A well-known climber with fragrant, scarlet flowers. 12 ft. Pkt., 5c.

SNAP-DRAGON

See Antirrhinum.

SOLANUM.

See Jerusalem Cherry
 Scarlet, pepper-shaped fruit.



GIANT FLOWERED SWEET WILLIAMS.

—SWEET WILLIAM.—*Dianthus Barbatus.*

3541. Matchless border plants with sweet scented, large bright heads of flowers of great beauty. Very easily grown. One of grandmother's favorites. H. P.

Mixed. Colors vivid and varied. Pkt., 3c.

Giant Flowered Sweet William.

3540. Enormous in size, often as large as a 25 cent piece. Colors, dark crimson, white, pink, striped and others making fine contrasts. Pkt., 10c., 3 for 20c.

THUNBERGIA.

3581. Rapid growing climbers, with trumpet-shaped flowers. Thrive best in light, rich soil in a warm place in the garden. Suitable for vases, rustic work, etc. 5 ft., H. H. A. Mixed. Pkt., 5c.

TORENIA FOURNIERI COMPACTA.

3582. A plant suitable for vases, baskets, etc. Blooms all summer in open ground and in greenhouse in winter. This is a great improvement over the old Fournieri, better habit and flowers porcelain blue with yellow throat. Pkt., 10c.

3583. Fournieri. Velvety blue. Lovely. Pkt., 10c.

3584. White Wings. White with rosy throat. A very distinct variety. Pkt., 10c.

TROPAEOLUM—See Nasturtium (Lobb's).

LEMON VERBENA.

3585. Different from other Verbenas. **Prized for its sweet-scented foliage.** Comes easy and very true from seed sown in open ground in spring; grows as rapidly as "pussly;" blooms in a few weeks, and is full of flowers all summer. They are *white*, in spikes, not clusters. It is a favorite shrubby plant with those who know it and should be in every garden. Pkt., 7c., 4 for 25c.

VERBENA.

Most popular flowers are Asters, Pansies, Petunias and Verbenas, and none excel the Verbena for showy flower beds. Sown early they bloom the same year, their large, self-colored, striped and variegated flowers covering the entire plant. *Seedling Verbenas are more fragrant and far stronger in constitution* than those propagated from slips. 1 foot, H. H. P.

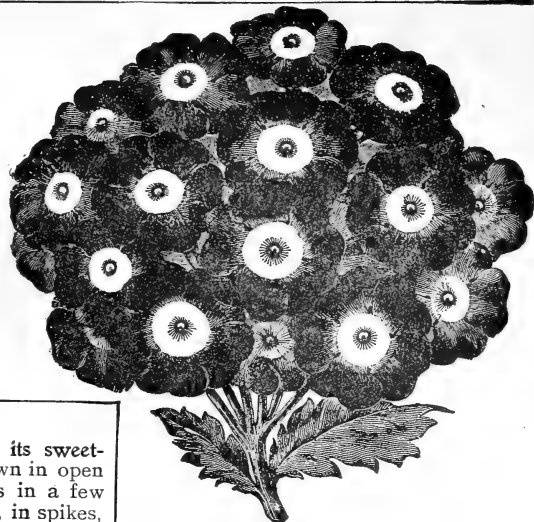
Price, any of following, pkt., 5c.; one each color (5) for 20c.

3589. Pure White.	3592. Purple.
3590. Vivid Scarlet	3593. Blue Varieties.
3591. Striped Varieties.	3594. Extra Choice Mixed.

VIOLET.—(Viola Odorata.)

The hardy Sweet Violet that blooms in the spring They thrive best in a shady place, in moist, rich soil. (*Double Violets do not seed.*)

3614. Single Blue, pkt., 5c. 3625. Single White, pkt., 10c.



MAMMOTH VERBENA.

3586. The mammoth flowers of this class when well grown measure fully nine inches in circumference. Plant more vigorous than the ordinary variety, and far excel them in dazzling richness and variety of colors. The distinct white eye adds greatly to their striking and beautiful appearance. Mixed colors. Pkt., 10c.

NEW DWARF VERBENA.

3587. *The best for bedding* Plants dwarf, 6 inches high. Surrounded with well trimmed grass they make a lovely bed. Mixed colors. Pkt., 10c.

WALLFLOWER.

3626. Much prized for making bouquets. Flowers are deliciously fragrant, perfectly double, orange, purple and chocolate in color. H. H. P. Mixed pkt., 5c.

VINCA.—(Periwinkle.)

Handsome bushy plants. Sown in March, transplanted in May, will bloom first summer in garden. Taken up in fall and potted will flower during winter, 1½ ft. T. P.

3645. Rosea. Fine shade of rose. Pkt., 5c.
3646. Rosea Alba. White with rose eye. Pkt., 5c.
3647. Rosea Alba Pura. Pure White. Pkt., 5c.
3648. Mixed. The above varieties. Pkt., 5c.

WILD CUCUMBER VINE.

3633. The most rapid growing vine we know of. Splendid for covering old trees, fences, etc. Will grow thirty feet in one season. Dense, graceful foliage, thickly dotted with white, fragrant flowers. ½ oz., 15c. Pkt., 5c.

ZINNIA.

General favorites. Thrive in any soil. Plants form bushes two to three feet in height and the very double flowers of various colors form solid heads like Dahlias. H. H. A.

3653. **Giant Flowered.** *The best of all Zinnias.* Flowers brilliant, very double, five to six inches across. Mixed. Pkt., 5c.

LARGE FLOWERING DWARF DOUBLE ZINNIAS.

3654. White. Pkt., 5c.	3665. Canary. Pkt., 5c.
3659. Scarlet. Pkt., 5c.	3666. Crimson. Pkt., 5c.
3660. Orange. Pkt., 5c.	3667. Mixed. Pkt., 5c.

3670. **Crested and Curled.** Colors orange, purple, pink, rose, etc. Large flowers with twisted and curled petals. Pkt., 10c.

3669. **Zebra.** Flowers striped, spotted and blotched. Nearly every flower is different in markings. Pkt., 5c.

3672. **Double Mexican.** A dwarf-growing class much admired for its extra fine flowers. Mixed. Pkt., 5c.

3673. **Tall Double, mixed.** Many colors. Pkt., 5c.

3674. **Dwarf Double, mixed.** Splendid variety. Pkt., 5c.



ZINNIA.

SUMMER FLOWERING BULBS.

BULBS are of easiest culture, inexpensive, and require scarcely any care. They are sure to grow and they make a grand display in a very short time after planting. All bulbs will bloom season after season and they increase very rapidly. Most of them (Lilies are an exception) should be taken up before severe frost and stored away in a frost-proof cellar to be replanted the succeeding spring. Prices given include prepayment by mail unless otherwise noted.

APIOS TUBEROSA.

A climbing vine having deep, rich purple flowers, something like the Chinese Wistaria. They have a delightful violet fragrance and bloom almost constantly. Bulbs are perfectly hardy and it is unnecessary to dig them in the fall. Each 5c.; 5 for 20c.; doz., 45c.

AMARYLLIS.

With a little forethought to plant at different times a succession of bloom may be had throughout the year.

Atamasco. Fine for bedding. Upright flowers, white suffused with flesh color. Each, 5c.; 3 for 10c.; doz., 30c.

Belladonna Major. Blooms in fall. Tall spikes carrying a dozen beautiful, fragrant silvery white flowers tipped with rose. 15c.; 3 for 40c.

Formosissima. Rich, deep velvety crimson. Succeeds in pots or grown outdoors in open ground. Each, 10c.; 3 for 25c.

Johnsonii. Dark red, with white stripes, splendid. Each, 40c.; 3 for \$1.00.

BESSERA ELEGANS.

Pretty, bell-shaped flowers, coral-scarlet with white cups. Very graceful, just the thing for borders. Each, 7c.; 3 for 15c.; doz., 60c.

BEGONIAS, Tuberous Rooted.

Of late years these Begonias have been brought to great perfection. They make splendid beds on the lawn when given protection from the hot sun by a muslin or other shade erected about three ft. above them, and as pot plants they are unexcelled. From the time the first flowers expand until frost puts a stop to further blooming these plants are literally covered with flowers of the richest colors, embracing every shade of pure white, rose, pink, scarlet, yellow and orange. The flowers often measure six inches across and are much more brilliant than the most dazzling Geraniums, and the cost is materially less. We offer first class bulbs from a celebrated English specialist.

Single Mixed. Each, 6c.; 6 for 40c.; doz., 75c.

Double Mixed. Each, 20c.; 3 for 45c.; doz., \$1.50.

Colors Separate. Single rose, white, scarlet, yellow or pink. Each, 10c.; 6 for 50c.; doz., 85c.

CALLA LILIES.

Spotted Leaf Calla. Dark green leaves, beautifully spotted with white; flowers white with purple throat. Each, 10c.; 3 for 25c.

White Calla. The well known variety with large white flowers. Each, 10c.

Black Calla. Always scarce. Rich, deep purple flowers of large size. Each, 20c.

CYCLAMEN.

A splendid pot plant for window culture. Each, 25c.; 3 for 60c.

HYACINTHUS CANDICANS.

Luxuriant, free-growing, summer-flowering plant, with flower stems 3 to 4 ft. high, bearing from 20 to 30 pure white flowers. Each, 6c.; 3 for 15c.; doz., 55c.



TUBEROUS BEGONIAS—Single and Double.

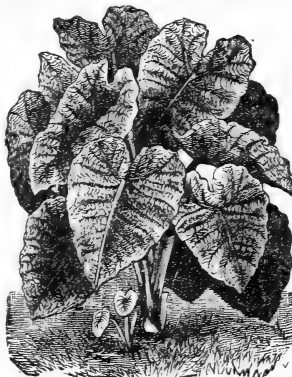
CALADIUMS.

Stately plants for planting on lawns singly or in beds with Cannas or Castor Oil plants. Their enormous leaves three feet long, make a grand tropical effect. Will grow in any good garden soil and are very easy to cultivate. Lift them in fall and keep in a warm place over winter.

First Size Bulbs, 1½ to 2 inches in diameter, 15c.; not p'd, 10c.

Larger Bulbs, 2 to 3 " " 30c.; " 15c.

Mammoth Bulbs, 4 to 6 " " 50c.; " 30c.



CALADIUM.

CINNAMON VINE.

A fine hardy climber, and well known in some parts of the country as Chinese Yam. The tubers grow very large and are edible, like a Sweet Potato. The vine is beautiful rapid grower, producing sweet scented flowers. Each, 5c.; 6 for 25c.

GLOXINIA.

One of the most charming green-house plants. The gorgeously colored flowers are spotted, shaded or mottled in the most magnificent way. After their blooming season, bulbs should be carefully dried and put away in a dry place. Good bulbs, finest varieties, each, 15c.; 3 for 40c.

The Best CANNAS in Cultivation.

IMPROVEMENTS made in the CANNA during the past few years in form of flower and diversity of coloring, place this plant decidedly at the head of all others used for bedding purposes. Those who admire something choice on the lawn and to vary the monotony of beds of Geraniums, Verbenas, Pansies, etc., as well as for pot plants in the house in winter, will find their tastes gratified by cultivating Cannas. Do not set them out until ground is quite warm.

Orders will be filled with dormant roots until April 20th. After that date with started plants. All should bloom the coming summer, and in winter also if lifted and potted before frost has touched the plants in the autumn.



Mlle. BERAT.

WELL-KNOWN CANNAS.

Plant a bed of Cannas. The cost is slight and the pleasure great.

ALPHONSE BOUVIER. 6 feet. Large trusses of vivid crimson flowers. Usually there are two to three spikes on a stalk.

CHARLES HENDERSON. 4 feet. A splendid bedder. Flowers crimson; petals wide and well rounded.

EGANDALE. 4 feet. Bronze leaves. Flowers currant red. The finest bedding Canna of its color. Very distinct.

EXPLORATEUR CRAMPBEL. 5 feet. Flowers vermilion scarlet with crimson spots.

FLORENCE VAUGHAN. 4 feet. Broad green leaves. Flowers yellow, dotted with bright red. A famous well tried and hard to beat sort. Constant bloomer.

MADAM CROZY. 4 feet. Scarlet flowers bordered with gold. It is valuable for pot culture and for bedding too.

PAUL MARQUANDT. 4 feet. Extra large flowers of a deep salmon color. Splendid well formed truss. Highly prized and admired by all.

QUEEN CHARLOTTE. 3½ feet. Broad, green leaves. Large, rich scarlet flowers with a wide golden band around each petal.

PRICE: Any of the above, each, 10c; 6 for 50c; dozen, 90c.

SPECIAL OFFER:

The 17 varieties on this page, 1 good tuber of each by mail, postpaid, for \$1.25.

MIXED BEDDING CANNAS.

These consist of roots grown from tubers the names of which were lost in handling. While they were in bloom the colors were noted and we offer them in mixed colors. They will make a beautiful show planted at the edges of shrubbery or among other plants. State color desired and whether tall or dwarf growing sorts are preferred. We will endeavor to comply with your wishes.

Each, 8c; 3 for 20c; 6 for 35c, postpaid.

6 SELECTED NEW CANNAS.....

ALSACE. 3½ feet; green foliage. Color, creamy yellow changing to almost pure white. It shows to advantage alongside a red variety.

GOLDEN MOON. 2½ feet; green foliage. Truss and individual flowers large, yellow. Contrasts with crimson variety.

MDLLE. BERAT. 4 feet; green foliage. Color, almost pink. This Canna should be planted together with bright reds and yellows.

PLUTO. 3 feet; purple-red foliage. Large, well formed red flowers flamed with orange. Striking and handsome.

ROBERT CHRISTIE. 5 feet; green foliage. Large trusses of orange-scarlet flowers. A tremendous bloomer.

SOUV. d'ANTOINE CROZY. 5 feet; green foliage. Flower bright crimson with broad gilt edge and well rounded petals. A gem among Cannas, standing out conspicuously.

PRICE: Each, 15c; 3 for 40c; 1 each of the six for 75c.

GIANT ORCHID-FLOWERED

...CANNAS

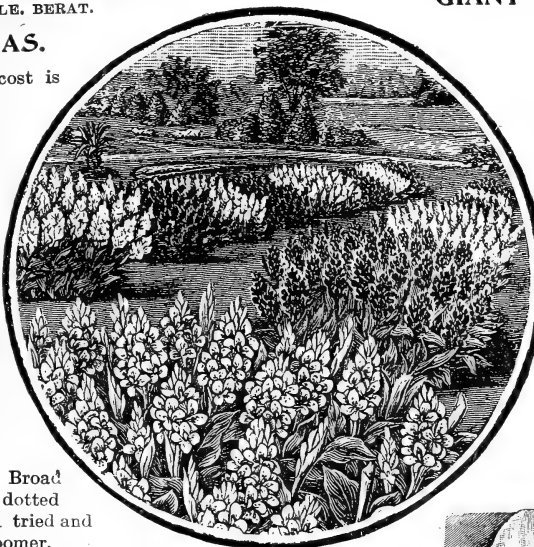
The sensation in floral novelties. In size and brilliancy of flowers and majestic Musa-like foliage, they are entirely distinct and far in advance of any of the large flowering Cannas to date; of remarkable strong growth they soon make fine specimen plants

AUSTRIA. 6 feet high; very large flowers and foliage. Flowers canary yellow, spotted with brownish red.

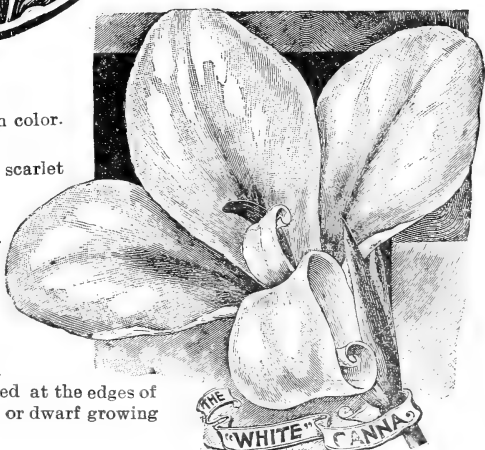
BURBANK. 5 feet. Individual flowers 7 inches across. Canary yellow with small crimson spots.

ITALIA. 5 feet. Flowers red bordered with golden yellow.

Each 15c, 3 for 40c.



CANNA BEDS.



New and Improved

Dahlias

The coming
POPULAR FLOWER.

THE long neglected Dahlia is again fast coming to the front. Set them out the last of May in deep, rich ground. Cover with about three inches of soil. During August and September the plants will be loaded with flowers. We know of nothing more than a well-arranged bouquet other Dahlias. Our collection is up-to-date. The tubers or DRY size and will flower the same put into the ground until we will book orders any time, and hold the tubers until May 1. *risk.* There is no advantage to be gained by earlier planting.

PROF. L. H. BAILEY, Cornell University, says: "I believe the Dahlia has come to stay as a popular flower. I have the greatest confidence in it and predict a great future for it. Everybody should grow a few Dahlias for their own benefit. It will do them good."

DRY ROOTS, except noted, each, 20c.; 3 for 50c.; doz., \$2.00, *postpaid*. Larger roots at same price by express, *not prepaid*.

Cactus Dahlias.

Of all the Dahlias, those of the so-called Cactus class, with their large, broad petalled flowers, are most highly prized for decorative purposes.

Crimson Giant. "Hard to Beat." Rich in color, constant in bloom; strong, vigorous grower.

Glare of the Garden. Another good one. Scarlet flowers of odd form; early flowering.

John Bragg. Handsome, showy flowers; dark maroon in color.

Marchioness of Bute. Pure white with rosy tips.

Nymphaea. (*The Pink Water Lily Dahlia*.) One of the finest of all; large, graceful, chaste. Petals broad and waxy; full, incurved center. The color is rare and novel, a clear, light, shrimp pink, shaded darker toward the outer petals.

Panthea. Rich salmon; a peculiar shade. Pretty.

Picta, Formosissima. Orange, striped with scarlet bands.

Professor Baldwin. Bright orange.

Robert Maher. Golden yellow; prolific bloomer.

Zulu. Almost black; well-formed flower.

*** New Cactus Dahlia. ***

CLIFFORD W. BRUTON. This superb new variety is acknowledged by all who have seen it to be the finest yellow Decorative Cactus Dahlia ever produced, and is the greatest acquisition since Nymphaea. It is a very strong, sturdy grower and a profuse bloomer. Whole roots, 75c.; started plants, 50c.

☉ Pompones, or Bouquet. ☉

These make elegant pot plants, and for outdoor culture are charming. The flowers, though small, are graceful in form, borne on long, slender stems, and valuable for bouquets.

Alba Floribunda. Pure white, neat and chaste.

Eleganta. Pink in two shades, soft and deep.

Juliette. Yellow-shaded orange.

Kate Haslan. Clear pink, ball-like flower.

King of Dwarfs. Dark maroon, rich texture.

Mary Kirk. Pleasing yellow; fine bushy habit.

Mignon. Bright crimson scarlet; showy.

Snowclad. Very full; pure white.

Winnifred. A gem from England. Pure white flowers, occasionally tipped with lavender.

☼ Single Flowering. ☼

Remarkably early and constant in bloom. Flowers large on long stems. By many preferred to double varieties as cut flowers. Any color from white to darkest maroon.



* Double Large

* Flowered. *

Plants grow tall. Flowers globe-shaped, close petalled, rich in texture and color.

Fire King. Blooms very early. Deep scarlet flowers that glow like fire.

General Grant. Orange, striped with chocolate.

Guiding Star. Pure white flowers with toothed or fringed petals.

Marguerite. Deep pink, handsome.

Miss Thatcher. The queen of yellow Dahlias. Early, constant and prolific bloomer. On our grounds last fall this variety was a blaze of golden glory for two months.

Mrs. Langtry. Very large flower, cream colored, edged with crimson.

Prince Henry. Lilac, striped with purple; distinct.

Sunset. Large flower; yellow, flaked with scarlet.

NOTE.—We have many varieties not mentioned herein of all the different classes. If selection is left to us we will send, *postpaid*, twelve good tubers, part of each class, for \$1.50, or six for 80c. Larger roots at same price by express.

We call special attention to **Sheep Manure** (see last page) as a special fertilizer for Dahlias. It produces vigorous growth and greatly increases size of flower.

SPECIAL OFFER } **The Complete Collection**, one each of all the new and superb Dahlias (28) on this page at the very low price of \$4.50, *postpaid*. Larger tubers at same price, by express, *not prepaid*.

GLADIOLI.

*The most
stately and
effective Plants
produced
by Summer
Flowering
Bulbs.*



SPECIAL BULB OFFERS.

Two valuable collections at greatly reduced prices.

50 CENT BULB COLLECTION.

Contains 13 Summer-Flowering Bulbs which we will send free by Mail or Express for 50c.

- | | |
|----------------------|---------------------|
| 1 Apios Tuberosa. | 1 Hyacinthus Candi- |
| 1 Begonia, Tuberous. | cans. |
| 1 Tigridia. | 3 Cinnamon Vines. |
| 2 Cannas. | 2 Dwarf Pearl Tube- |
| 2 Gladiolus, mixed. | roses. |

\$1.00 BULB COLLECTION.

Contains 28 Summer-Flowering Bulbs which we will send free by Mail or Express for \$1.

- | | |
|------------------------|-----------------------|
| 2 Apios Tuberosa. | 1 Dahlia, Double. |
| 2 Begonia, Tuberous. | 3 Gladiolus, mixed. |
| 1 Caladium Esculentum. | 2 Hyacinthus, Candi- |
| 3 Cinnamon Vines. | cans. |
| 1 Selected Hardy Lily. | 1 Tiger Lily. |
| 2 Cannas, New French. | 3 Maderia Vine. |
| 2 Pearl Tuberoses. | 2 Milla Biflora. |
| | 3 Amaryllis Atamasco. |

All the above Bulbs are fully described and some of them illustrated in the Bulb Department of this Catalogue. Compare this very low offer with regular rates.

TO the culture of Gladioli we devote a large acreage, and each season our fields when in bloom are a great attraction. They are sure to flower in any soil; have no insect enemies nor diseases; flowers of almost every color. By cutting the spikes when two or three of the lower flowers are open, and placing them in water, the entire spike will open up even to the tip end. They are very effective grown among shrubbery. Set the bulbs six inches apart, three inches deep. Plant from middle of April to first of June.

At single and dozen rate we send postage or express paid. 100 rate not prepaid; 25 bulbs sold at 100 rate.

SELECT GLADIOLI, Under Colors.

Young, vigorous bulbs, sure to produce fine flowers.

	Each.	Doz.	100
Red and White	\$0 03	\$0 25	\$1 50
Pink and Salmon	5	40	3 00
Yellow Shades	5	45	3 50
Light and White	5	40	3 00
Striped and Variegated	5	45	3 50
All Colors Mixed	3	25	1 50

LEMOINE'S BUTTERFLY GLADIOLI.

Flowers of richest texture and most vivid coloring, with peculiar blotches on the lower petals. 3 for 15c.; doz., 50c. *Prepaid.*

GLADIOLUS CHILDSII.

A distinct mammoth race of Gladioli, stronger and more vigorous than ordinary varieties. They have stiff stems four to five feet high, with spikes of bloom two feet in length. Every flower is a perfect beauty and of every color known among Gladioli in this race. Each, 15c.; 2 for 25c.; \$1.25 per doz.

SELECT NAMED GLADIOLI.

1. **Africain.** Slaty-brown on scarlet ground, streaked with scarlet and pure white. 10c.
2. **Angele.** White. Snowy and effective. Each, 8c.
3. **Brenchleyensis.** Bright scarlet. Doz., 40c.; each, 5c.
4. **Ceres.** White, spotted rose. Each, 5c.
5. **Eugene Scribe.** Tender rose, variegated. Each, 6c.
6. **Gen. Phil. Sheridan.** Fire-red, white line running through each petal. Each, 15c.
7. **Isaac Buchanan.** Very fine yellow. Each, 6c.
8. **Lamarck.** Cherry, white throat. Doz., 40c.; each, 5c.
9. **Lord Byron.** Brilliant scarlet, blotched white. 8c.
10. **Napoleon III.** Scarlet striped white. Each, 5c.
11. **Octoroon.** Very fine salmon pink. Each, 10c.
12. **Shakespeare.** Early; grand flower, white with carmine rose. Large bulbs, each, 12c.; 6 for 60c., postpaid.
13. **Martha Washington.** Unexcelled for cut flower purposes. Color light yellow, lower petals tinged with rose. Spike erect, neatly arranged with well-formed flowers. Each, 10c.

- COLLECTIONS**
- | | |
|-----------|--|
| A. | Nos. 2, 3, 4, 5, 7 for 25c. |
| B. | Nos. 1, 2, 4, 5, 6, 10, 11 for 50c. |
| C. | The complete set, 1 to 13, all labelled, \$1.00. |

THE QUEEN. Undoubtedly the largest and most beautiful Gladiolus in cultivation. The flowers are rich and velvety, the ground colors of the petals a pearly white, which is striped with a rich carmine, shaded and blotched with a rosy carmine. The plant is a strong grower with a stout flower stock, about three inches high, and remarkably filled out with blossoms on all sides. Each, 20c.; 3 for 50c.

Hardy Lilies.

Lilies thrive best in a dry, rich soil. They should be planted deep, as they form two sets of roots, one below, the other above the bulb. All Lilies offered on this page are hardy enough to stand the winter out doors. It is well, however, to protect them with a covering of litter or straw.

Prices include postage unless otherwise stated.

AURATUM. (*Gold Banded.*) Extremely fragrant and very beautiful. Flowers white, dotted with crimson, with a golden band running through center of each petal. *First size*, each, 15c.; 3 for 40c.; doz., \$1.50. *Not prepaid, Large bulbs*, each, 10c.; doz., \$1.00.

LONGIFLORUM. (*Easter Lily.*) Pure white, trumpet-shaped flowers 6 to 8 inches long. A favorite sort for the garden. *First size*, each, 15c.; 3 for 40c.; doz., \$1.50. *Not prepaid, Large size*, each, 10c.; doz., \$1.50.

Tigrinum. (*Single Tiger Lily.*) Flowers, orange red, spotted black. Each, 10c.; 3 for 25c.; doz., \$1.00. *Not prepaid*, each 5c.; doz., 50c.

Tigrinum fl. pl. (*Double Tiger Lily.*) Very large, double flowers. Each, 10c.; 3 for 25c.; doz., \$1.00. *Not prepaid* each, 8c.; doz., 80c.

Tenuifolium. (*Siberian Coral Lily.*) Of dwarf habit. Flowers, bright red, drooping. Each, 15c.; 3 for 40c.; doz., \$1.00. *Not prepaid*, each, 10c.; doz., \$1.00.

SPECIOSUM.—(*Hardy Garden Lilies.*)

Of easiest culture. Once planted, there to stay.

ALBUM. Pure white. *First size*, each, 20c.; 3 for 55c.; doz., \$2.00. *Not prepaid, Large bulbs*, each, 15c.; doz., \$1.50.

RUBRUM. White ground dotted and shaded with red. *First size*, each, 15c.; doz., \$1.50. *Not prepaid, Large bulbs*, each, 10c.; doz., \$1.00.

MELPOMENE. Rich blood-crimson, heavily spotted. Each, 20c.; 3 for 55c.; doz., \$2.00. *Not prepaid*, each, 15c.; doz., \$1.50.

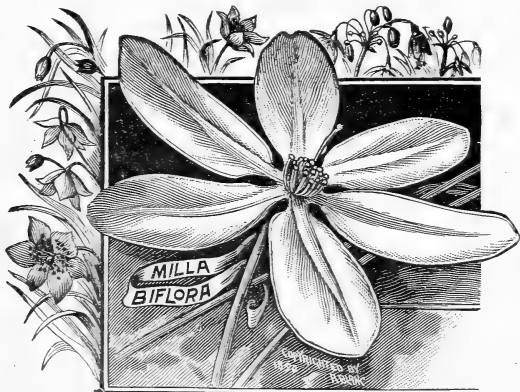
One nice bulb of each of 8 above Lilies for \$1.00 postpaid.

LILY OF THE VALLEY.

Clumps. For outdoor planting. Extra strong. Each, 35c. *Not prepaid*, each, 25c.; doz., \$2.50.

MADEIRA VINE.

The old favorite "Climbing Mignonette." Thick glossy leaves and long, feathery, very fragrant, white flowers. Each, 5c.; doz., 50c. *Not prepaid*, doz., 30c.



MILLA BIFLORA Lovely pure white flowers, usually in pairs. Will keep for days when cut and placed in water. Each, 10c.; 3 for 20c.; doz., 60c.

PAEONIES. See Hardy Plants. Page 92.



AURATUM.

SUMMER FLOWERING OXALIS.

Splendid for edging flower beds, walks, etc. The little bulbs planted 3 inches apart will, during the summer, form rounded rows a foot high, constantly loaded with pink and white flowers. Doz., 10c.; 100, 50c.

TIGRIDIA. Large, exquisitely spotted flowers, which make a beautiful display planted in masses in borders. *Alba*, white, spotted crimson. Each, 8c.; 3 for 20c. *Conchiflora*, yellow. Each, 5c.; doz., 30c. *Pavonia*, crimson, variegated yellow. Each, 5c.; doz., 30c.



TUBEROSES.

No better Tuberose bulbs than we supply are to be had anywhere. They are sure to produce flowers true to name, of fine form and delightful fragrance.

Dwarf Pearl. Stem about 2½ feet. Selected large bulbs. Each, 5c.; doz., 50c.; 100, *not prepaid*, \$2.00.

Tall Italian. Grows 4 feet high. Large bulbs, each, 5c.; doz., 50c.; *not prepaid*, 100, \$2.00.

Variegated Leaved. Foliage striped; flowers smaller than the double varieties. Each, 10c.; 3 for 25c.; doz., \$1.00.

Single. Also called Orange-flowered. Blooms very early. Each, 7c.; doz., 75c.; *not prepaid*, 100, \$3.00.

COLLECTION. 12 Tuberose Bulbs (4 Dwarf Pearl, 4 Tall Double, 2 Variegated-leaved and 2 Single) for 50c., postpaid.

ZEPHYRANTHES. See Amaryllis Atamasco. Page 82.

Roses and Flowering Plants

MAILED, POSTPAID, DIRECT FROM GREENHOUSES.

IN CONNECTION with our mail trade in SEEDS and BULBS, we have made arrangements whereby we can also mail a very choice selection of ROSES and FLOWERING PLANTS. It is our desire to make our service to customers as complete and convenient as possible. When the seed order is made up, we would like you to include some bulbs and plants also.

All plants sent out are as large as can be safely packed and sent by mail. Notwithstanding the large number of plants which we have forwarded in mail bags, no complaint has ever reached us with regard to the size of the plants. The instances have been rare when packages went astray or arrived other than in good order.

Postage Paid. At prices given we mail all plants (except such as from their size or otherwise are unmailable, and so stated) and prepay the postage, thus making delivery to your post office—often to your door.

How to Order. We will consider it a favor to have orders for plants written *either on the back of our order sheet or on a separate slip*. When mixed up among seeds a delay is caused in the execution of your order.

Plants Mailed at any Time. Many customers order both seeds and plants at the same time, early in the winter. Seeds are sent immediately, but, if requested, we will book the order for plants to be sent later in the season, at any time up to June. Please be careful to state on the order just what date you want us to mail the plants,—as otherwise we will consider you are ready for them immediately, and will forward soon after seeds, in separate pkgs. Should the weather be unfavorable for mailing we reserve the right to hold the order until plants can be expected to travel in safety from danger of freezing.

3 GRAND

"Soupert" ROSES

Pink, White, Yellow,
by mail for 30 cts.

(Described on next page.)



FOR BEDDING in the open ground Soupert Roses are perfect. The dwarf, bushy plants bear large quantities of medium sized double flowers in clusters, admirably adapted to pot culture, beginning to flower when not over four inches high, and continues without intermission the entire season if kept in a healthy growing condition.

7 NEW ROSES OF SPECIAL MERIT.

In order to insure vigorous, healthy growth, which must precede fine flowers, Roses should be planted in heavy soil, well enriched with well-rotted manure, bone-meal or horn-shavings, and always be given the sunniest place in the garden. It is important for good success in Rose growing to keep the soil well worked, loose and free from weeds. If insects appear they may be subdued by dusting the moist leaves with Powdered Tobacco, or by syringing with a solution of Tobacco Soap.

EMPRESS OF CHINA. This is a new and valuable perpetual blooming climber. It commences flowering the first of May and except under some especially trying circumstances, such as long drouth, it will bloom repeatedly until late fall. Flowers are small, delicate, fragrant and waxy. Bud is a dark red, changing to a red or pink, like an apple blossom.

HELEN KELLER. The plant is a vigorous grower and produces brilliant rose colored flowers in great abundance from early spring until fall.

MRS. R. G. SHERMAN CRAWFORD. Color is a deep, rich pink, outer petals tinted with pale flesh; flowers are large, full, very fragrant and unique.

MARCHIONESS OF LORNE. Large, full, cup-shaped; buds long and handsome; rich shining rose color with vivid carmine; hardy, fragrant.

MARGARET DICKSON. The flower is of magnificent form, very double and the color is a waxy white; petals are large, shell shaped and prettily curled back; very beautiful.

CAROLINE MARNIESSE. A hardy, continuous blooming Noisette Rose. Flowers are pinkish-white, produced in clusters, and of medium to small in size and very double. This rose will give more flowers in a dry season than any one we are acquainted with.

CLIO. The finest flesh colored hybrid perpetual. The flowers are simply perfection in form, with fine, broad petals, and are beautiful at all stages of development; color delicate satin blush, with a shading of rosy pink at center. Free blooming and strong, healthy grower.

PRICE: Each, 15c; 3 for 40c; 6 for 75c; postpaid. ONE EACH OF 7 NEW ROSES, 90c, postpaid.

4 LA FRANCE ...ROSES by mail for 35 cts.



LA FRANCE. The sweetest of all Roses perfect, full, globular flowers; silver; rose passing to pink; hardy and a constant bloomer. 15c each.

DUCHESS OF ALBANY. Like its famous parent, except in color, which is three or four shades darker; a wonderful deep rose-pink. Superb, fragrant flowers. A great favorite. 15c each.

WHITE LA FRANCE. Large, pearly-white, fragrant flowers, described above. 15c each.

STRIPED LA FRANCE. This lovely caprice will please all with its odd and novel combination of pink and white stripes. Grows and flowers as freely as La France. 15c each.

FOR 35 CTS. we will send, postpaid, one good, strong plant each of the Red, White, Pink and Striped La France Roses offered above.

Ever-Blooming Tea and Hybrid Roses

ALL AT TEN CENTS EACH, 6 for 50c.; dozen, \$1.00, Postpaid.

Varieties marked * are Hardy or nearly so, with protection of leaves or straw in winter.

***AGRIPPINA.** Rich crimson; good bedder.

***BON SILENE.** Noted for the great size and beauty of its buds. Carmine-rose, shaded with salmon.

THE BRIDE. Perfect globular, pointed buds of purest white.

CATHARINE MERMET. Of the very highest type; a grand parent variety; silvery pink, delicately shaded in center and at base amber and fawn.

***CHAMPION OF THE WORLD.** A cross between Magna Charta and Hermosa. Perfectly hardy, perpetual in bloom; perfectly double. Deep rosy pink.

CLOTHILDE SOUPERT. Fine for out-door, and by many considered the very finest pot rose; color, a pearly white, with center of tinted salmon peach.

***ETOILE DE LYON.** Deep yellow, double and very beautiful.

***HERMOSA.** Bright rose, medium or small; hardy. It is continually in bloom; not full; very popular.

KAISERIN AUGUSTA VICTORIA. Pure white with yellow center. Very free. A most promising variety, having the form of C. Mermet.

***MME. HOSTE.** Yellow white, often canary yellow; base of petals often amber colored. One of the finest forcing varieties.

MME. CAROLINE TESTOUT. Flower large, double and globular; clear satiny rose, center brighter; very fragrant.

MARION DINGEE. Deep carmine. Very fine bedder.

MARIE GUILLOT. White, faintly tinged yellow. Large, full and of splendid form. One of the most beautiful.

***MRS. DEGRAW.** Resembles Appoline, but more prolific. Glossy pink, fragrant and continuous bloomer. Fine bedder; hardy south of Chicago.

NETEOR. Velvety crimson. The brightest and best of Hybrid Teas, without a purple tinge.

PAPA GONTIER. Very bright rose or red, large, not double; flower extra good. A first-class forcing variety.

PERLE DES JARDINS. Canary yellow; large or very large, full well formed, stiff stems; very free. The standard forcing Tea, by which all others are compared.

PINK SOUPERT. This is a beautiful bright pink and contrasts finely with the other varieties; blooms freely and produces double blossoms. A great beauty.

***PRINCESS BONNIE.** Crimson, petals streaked white inside

***SAFRANO.** Saffron and apricot; yellow, large, semi-double, beautiful in bud; very free.

SOUV. DE LA MAISON. Flesh shaded fawn; large, very full, flat. A fine rose.

SOUV. DE PRESIDENT CARNOT. Long bud of Niphetos shape; flesh color, shaded with rosy white at the edge of the petals.

YELLOW SOUPERT. Color, a beautiful light yellow, shaded to white at edge of petals; plant, dwarf, bushy and very free flowering in clusters. It is a valuable sort.

... Hybrid Perpetual Roses...

ALL the roses included under this class are thoroughly hardy; that is, they will live through winter in almost any part of the United States. The flowers are of large size, and of the most beautiful colors from pure white to the darkest shade of crimson. Their blooming season is in June. In the spring cut back all the old stems. New ones will be sent up, and it is on these the flowers are borne.

ALFRED COLONB. Crimson, large fragrant flowers.

AMERICAN BEAUTY. Flowers very large and double; color, rich crimson; very fragrant.

ANNA DE DIESBACH. Bright carmine; sweet.

BARON DE BONSTETTIN. Blackish crimson with bright red shading.

CAPRICE. A striped red rose; ground color, soft pink marked with rose.

COQUETTE DES ALPS. White, tinged blush; fine.

FISHER HOLMES. Rich velvety crimson, large and fragrant.

GEN. JACQUEMINOT. Bright crimson. A universal favorite.

GEN. WASHINGTON. Red, shaded with crimson; flower flat.

JOHN HOPPER. Bright rose; fine form. A highly prized variety.

LA REINE. Clear light rose.

MADAM CHAS. WOOD. Bright crimson with deeper shading.

MAGNA CHARTA. Dark pink; double and full; easy to grow.

MADAM PLANTIER. Pure white; a profuse bloomer. This is a splendid cemetery rose; unlike the other varieties, it should never be pruned.

PAUL NEYRON. Deep rose color; largest of all, perfect in form.

PRINCE CAMILLE DE ROHAN. Velvety crimson, shading to dark maroon; very handsome.

ULRICH BRUNNER. Cherry red flowers, beautifully shaped buds.

VICTOR VERDIER. Rose color, crimson center; large and full.

PRICE:—Any of the above Varieties, Each, 12c.; 3 for 30c.; 6 for 55c.; 12 for \$1.00, Postpaid.



Hardy Climbing Roses

THE PLANTS of this class of Roses are used for covering trellises, walls, pillars, etc. They grow with great rapidity, are perfectly hardy, have beautiful foliage and produce flowers in large clusters.

4 RAMBLER ROSES

in four different colors,

CRIMSON, WHITE,
PINK, YELLOW,

all 4 for 50 cents, postpaid.

These roses should be in every garden. There is nothing in their class which will in any way compare with them.

The RAMBLER Roses will grow from 8 to 10 feet in one season. The size of their beautiful fragrant flower heads is remarkable. The foliage is thick and heavy. Flowers when cut last two weeks in water. May be grown as a pillar rose, trained on an arch, or over the surface of the ground.

Crimson Rambler. Crimson.

White Rambler. Pearl white.

Pink Rambler. Pink.

Yellow Rambler. Golden yellow.

PRICE: Each, 15c; 3 for 40c; 6 for 75c;

10 for \$1.00, postpaid.



Other Climbing Roses

BALTIMORE BELLE. Pale blush, shading to rose.

EMPRESS OF CHINA. This is a new and a valuable perpetual blooming climber. It commences flowering the first of May and except under some especially trying circumstances, such as long drouth, it will bloom repeatedly until late fall. Flowers are small, delicate, fragrant and waxy. Bud is dark red, changing to a red or pink.

SEVEN SISTERS. Color varies from white to crimson.

PRAIRIE QUEEN. Bright pink.

RUSSELL'S COTTAGE. Velvety crimson.

TENNESSEE BELLE. Rosy blush.

MARY WASHINGTON. Pure white.

All the above have double, sweet-scented flowers. They are all well tried and climate tested. Will live through the winter outdoors.

PRICE: Each, 15c; 3 for 40c; 6 for 75c; 10 for \$1.00, postpaid.

DOUBLE MEMORIAL ROSES.

The habit of these new roses is the same as the Rose Wichuriana, or Memorial Rose. The growth is creeping, and therefore can be used to cover ground, stems of trees, pillars, posts, trellises, or any other purpose desired, including pot culture.



MANDA'S TRIUMPH.

WICHURIANA HYBRIDS.

Manda's Triumph. White, fragrant flowers, double to the center.

South Orange Perfection. Rosy blush. Distinct from all others.

Universal Favorite. Pink. A fitting companion to Triumph.

Pink Roamer. Single; flowers are pink with white center. A strong and vigorous grower.

PRICE: Each, 15c; or one each of the five varieties for 50c, postpaid.

Hybrid Sweet Briars.

A UNIQUE class of Roses of great beauty. They are crosses between the well known Sweet Briar and other roses. All possess the delightful fragrant foliage and strong, vigorous growth of the Briar. They are as hardy as oak trees. Their flowers are single, many shades of color, and are borne in great profusion. We offer in three colors, red, white and pink.

PRICE: Each, 15c; 3 for 40c; 6 for 75c.

MOSS ROSES.

Well known and highly valued for their large, sweet flowers, enveloped in mossy envelopes, of charming beauty; absolutely hardy and of the easiest culture. They bloom very freely and are among the most beautiful of roses, succeeding on any good soil.

Blanche Moreau. Blooms in large clusters; pure white, fragrant, mossed deep green.

Crimson Globe. Rich, bright crimson, full and double.

Princess Adelaide. Large, very double and full; lovely, bright, rosy pink; profuse and a strong grower.

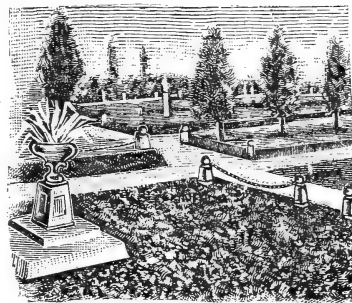
PRICE: Each, 15c; 3 for 40c; 6 for 75c.

TENDER CLIMBING ROSE.

Marechal Niel. A famous old rose that is as highly prized now as twenty-five years ago. As a greenhouse climber it has no superior, and in the South it covers the verandas with the greatest luxuriance. Flowers very large, long and pointed, dark golden yellow in color. Its merit as an outdoor rose has made it famous in the South, and we recommend it to our Southern friends.

Each, 15c; 3 for 40c.

The Hardy Memorial Rose.



(ROSA WICHURIANA.)

It is difficult to think of any plant more appropriate for use in cemeteries than this.

It creeps on the ground like Ivy; dark green leaves.

Has numberless satiny white single flowers with golden yellow disks.

It is hardy as grass and will grow in sun or shade.

It may be trained to a fence or house with equal success, or it may be trained in arch form to make a perfect bower.

Each, 15c; 3 for 25c.

...TREE ROSES...

These are made by grafting Hybrid Perpetual Roses on hardy rose stalks. The plants are 4 to 5 feet high, having large tree-shaped heads, which, when in bloom, are very showy. We have them in different colors, such as white, pink, red and crimson. Please express your preference. They are so large they cannot be sent by mail.

By express, Each, 50c; 3 for \$1.40.

CARNATIONS.

Each, 15c.; 3 for 40c.; doz., \$1.50.

THE CARNATION is the sweetest and most beautiful flower (except perhaps the Rose), in cultivation. Too much praise cannot be given them, nor enough said to induce people to plant them. The flowers are very fragrant and are borne in the greatest profusion.

DAYBREAK. Bright flesh color, with no salmon shadings; last a long time when cut. A free blooming, long stemmed variety.

EDNA CRAIG. A remarkably handsome flower. The color is a lovely shade of clear, soft, light pink. The flowers are of fine form, with heavily fringed petals.

GOLDEN GATE. Golden yellow; has no stripes or foreign color. Full and double. Strong, healthy grower.

LIZZIE MCGOWAN. Large pure white flowers, beautifully fringed.

PORTIA. Intense bright scarlet; flowers medium size and freely produced.

TIDAL WAVE. Bright, rosy pink, changing to carmine pink. Healthy and free-blooming.

THE BANNER. Delicate, light salmon pink, striped with bright scarlet. Flowers measure three inches across when fully developed.



The seven Carnations for 50c.

CALADIUMS. FANCY LEAVED.

Now much used for summer and fall decoration. They are easily grown in pots or boxes, or in shady situations out of doors. The dry tubers require to be kept warm in winter. We offer started plants only; each, 20c; six distinct sorts, \$1.00.

CALLA LILIES.

TOM THUMB CALLA—Little Gem. This is a dwarf variety of the old Calla Ethiopica, rarely ever growing over 10 to 12 inches high; a plant that can be used with telling effect in many places where the tall Calla could not on account of its tall growth. It commences to bloom when very small, often two or three flowers from 4-inch pot plant. 20c; 3 for 50c; strong plants, 35c; 2 for 50c.

CALLA ETHIOPICA—the Common Calla. A favorite old plant for house culture, with large leaves and white, trumpet-shaped flowers. Small plants, 10c; strong flowering bulbs, 15c; extra strong, 25c.

BLACK CALLA (Arum Sanctum). Flowers very large, of same shape as the ordinary Calla, but from 12 to 15 inches long and 4 inches broad; of a rich dark purple color on upper side, and green on under side. The leaves are large and very wavy, of a rich deep green color, veined lighter; in shape resembling the common Calla. 20c; stronger bulbs, 30c.

SPOTTED CALLA (Richardia Alba Maculata). A variety with beautifully spotted foliage; flowers pure white, shaded violet inside. Bulbs, each, 15c; 2 for 25c.

The 4 Calla Lilies for 50c.

COBEA SCANDENS.

One of the best and most rapid growing annual vines for porches, trellises, etc. One plant will soon cover 40 feet of surface. The flowers are large, blue, bell-shape. They come into bloom early and continue until frost. 15c.

COLEUS.

A few dozen of these plants will make a beautiful bed. There is such an endless variety in their colors and markings that with a little taste in planting varieties, the most gratifying results can be obtained at a trifling cost. Doz., 75c; each, 10c.

CYPERUS ALTERNIFOLIUS.

Umbrella Plant.

A splendid aquatic plant, throwing up stems two to three feet high, surmounted at the top with a whorl of leaves, diverging horizontally, giving it a very novel appearance; fine for the center of vases or aquariums. 15c.

CHRYSANTHEMUMS.

From the almost innumerable varieties we select twelve of the very best, unsurpassed for form and diversity of color.

Unless noted, each 10c, 3 for 25c, the 12, \$1.25.

E. MOLYNEUX. Rich deep maroon red; outside of petals when expanded is a rich golden tint, petals immense in both width and length.

EUGENE DAILLEDOUZE. Bright clear golden yellow. Large, full, double; glowing in color, stiff stem and good foliage, and a free, easy grower. There is nothing brighter among yellows. 15c.

HARRY E. WIDENER. Bright yellow, without shadings. Flower large, on stiff, stout stems that hold the flowers erect without support; incurving, forming a large, rounded surface; petals crisp and stiff.

INTER OCEAN. This is a grand variety. The color is a glistening, pearly white, with light suffusion of pink. Petals of great substance. The stems are very stiff, the foliage handsome and carried close to the flower. 20c.

IVORY. Flowers pure white, of exquisite form and finish; petal stiff and lasting. As a specimen plant for pot culture there is none better.

MAJOR BONNAFFON. Soft, clear, incurved yellow, full to the center; 6 to 7 inches in diameter and nearly as deep. Habit dwarf; keeping qualities excellent. 15c.

MRS. E. G. HILL. One of the earliest of all the very large flowered sorts. Color delicate pink, shading from color of La France rose to the flesh pink found in Daybreak carnation. Flower very large, 7 to 8 inches in diameter; full to the center. 20c.

MRS. JEROME JONES. Large, cream white, incurved, Japanese, sometimes showing a tinge of pink; high, round flower; one of the best chrysanthemum flowers to date.

NIVEUS. A grand snow white variety. Center irregularly incurved with outer petals reflexing nearly to the stem.

PITCHER and MANDA. Reflexed Japanese, not deep, but solid and of large diameter; the outer five or six rows are creamy white and of dahlia-like form, the center is bright yellow. 20c.

PRES. WM. R. SMITH. Color a beautiful, clear, flesh pink; very heavy in substance, on stiff stems; double.

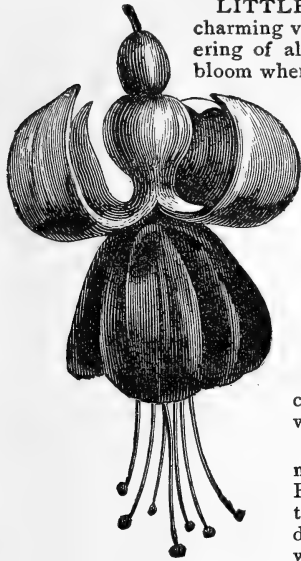
THE QUEEN. A grand pure white of extra large size of beautiful, half globular form with broad, incurved shapely petals of good substance. One of the finest, if not the finest Chrysanthemum of its color. 15c.

SPECIAL OFFER: We will send 16 varieties of our own selection, choice kinds, all labeled, for \$1.00.

FUCHSIAS.

Fuchsias are excellent plants for growing in pots. They delight in rich soil and a shady situation. Fuchsias will do well bedded out on the north side of the house.

Unless noted, each 10c.; doz., \$1.00.



LITTLE BEAUTY. This is a charming variety and the freest flowering of all Fuchsias. It begins to bloom when only two or three inches high, and continues to flower the year round, often one hundred open blossoms at one time on a single plant in a small pot. Flowers of good size. Tube and sepals bright red, corolla deep purple. Every lover of Fuchsias should have this little gem. 20c.

BLACK PRINCE. Single; tube and large sepals waxy carmine; corolla pale pink, large and wide open.

MRS. E. G. HILL. The most perfect double white Fuchsia yet introduced; tube and sepals bright reddish crimson, contrasting with the large pure white corolla to great advantage.

The plant is of splendid habit, a remarkably free grower, yet compact and symmetrical in form; free bloomer. 15c.

MRS. MARSHALL. White tube and sepals; corolla carmine rose. An old favorite.

PHENOMENAL. Flowers very large; short tube and sepals of a bright rich crimson color; corolla bright violet purple; very full and double.

STORM KING. The flowers are of extraordinary large size and very double; corolla a beautiful blush white, veined with carmine; tube and sepals carmine red. 15c.

SPECIOSA. Unsurpassed for winter blooming. A strong, vigorous grower, and almost at all times in bloom. Pale red tube and sepals; dark red corolla.

The 7 Fuchsias for 60 cents.

HELIOTROPES.

These plants are universal favorites on account of their delightful fragrance. Flowering equally well as bedding plants in summer or as pot plants in the house during winter. 10c.

HYDRANGEA.

Hydrangeas are among the easiest of all plants to grow. They are always attractive and stand any amount of neglect. Just the thing for a tub on the front porch.

OTAKSA. A splendid variety from Japan. Flowers large, bright pink, tinted blue; produced freely. 15c.

THOMAS HOGG. The immense trusses of flowers are first slightly tinged with green, becoming of the purest white, and remaining so a long time. 15c.

PANICULATA See Hardy Shrubs.

IVIES—Hedera.

Valuable for covering brick walls and upon the north or shady side of buildings; also excellent parlor ornaments and most desirable hanging basket plants.

ENGLISH. The well-known European variety. 15c.

GERMAN. A beautiful and rapid growing vine, one of the most desirable for hanging-baskets or vases. 10c.

GERANIUMS.

Are you looking for something which will make a brilliant, showy bed on the lawn this summer? If so, you will find it in the Champion Set we offer below.

Unless noted, each 10c.; doz., \$1.00.

CHAMPION SET OF BEDDING GERANIUMS.

ATHLETE. Clear scarlet. Very large. Double. 15c.

GEN'L GRANT. Finescarlet. Grand bedder. Single.

GLOIRE DE FRANCE. Salmon with white. Double. Very large truss of flowers. 15c.

HETERANTHE. Soft scarlet. Semi-double.

JULES FERRY. Deep crimson. Single.

LE CID. Brilliant crimson red. Double.

LA FAVORITE. Snow white. Double.

MARY HILL. Deep pink. Single.

QUEEN OF THE WEST. Orange salmon. Fine bedder. Single.

SIR TREVOR LAWRENCE. Rosypeach. Double.

SOUVENIR DE MIRANDE. A splendid variety. Cherry red, white markings in center. Single. 15c.

WHITE SWAN. Best pure white. Double.

The Champion Set of 12 Geraniums for \$1.00, postpaid.

IVY LEAVED GERANIUMS.

A splendid class of climbing or trailing geraniums, adapted for baskets, vases, rock work, and trailing on trellises. They have fine, thick, glossy foliage, which of itself would be of sufficient beauty to warrant their cultivation. They bloom with the greatest freedom during the spring and summer. Several standard varieties, double and single, each 10c.

VARIEGATED LEAVED.

Buy these for something handsome in pot plants.

HAPPY THOUGHT. A tri-color Geranium, with very dark green foliage, having a light, creamy, almost white center, with a dark band about the light zone. It is a beautiful plant, and the flowers bright scarlet. 15c.

MOUNTAIN OF SNOW. Foliage green, handsomely bordered with white; flowers scarlet; a fine bedder, the best variety of its color. 15c.

MAD. SALLEROI. A very compact variety of Silver Geranium; very fine for massing or bordering; a thrifty, healthy grower, rarely reaching a height of more than six inches; leaves very small, of a peculiar clear green, edged with pure white. 10c.

SCENTED LEAVED.

Balm, Dr. Livingston, Lemon, Rose, Shrub-land Pet. Each 10c.

MANETTIA

VINE.

A beautiful free-growing vine with small, tubular-shaped flowers of a rich, fiery scarlet color, shading off into a bright yellow at tip of flower. It commences to bloom when very small, and flowers continually. A valuable plant for small trellises, vases or baskets. 10c.



MANETTIA VINE.

Hardy Herbaceous Perennial Plants.

For Permanent Planting in GARDEN BORDERS, CEMETERY PLOTS, Etc.

ONE of the most interesting features in Lincoln Park (this city) is the long stretch of border devoted exclusively to hardy herbaceous perennials. The gardener in charge of this section states with pride, that throughout the entire season an open flower can be found on some one of the plants in the collection every one of the twenty-four hours of the day.

Hardy Perennials are the plants to set out in the locations where but little care can be given. They start into growth readily, increasing yearly in vigor and perfection. For busy people who have not much time to devote to the cultivation of annuals and bedding plants, we unhesitatingly advise the liberal planting of these perennials.

Prices are for large field-grown plants to be shipped by express. We will send smaller ones, postpaid, at same price, when their size will admit of mailing.

HARDY ASTERS.

Very pretty flowers in all shades of colors; bloom in October. Each, 15c.; doz., \$1.25.

BLEEDING HEART.

(DICENTRA SPECTABILIS.)

Rose colored, heart-shaped, flowers in great abundance in April and May. An excellent plant for the cemetery or open border. Easily cultivated; 2 feet. Each, 15c., postpaid. Larger roots will be sent in express or freight orders.

COREOPSIS LANCEOLATA.

Bright golden-yellow, flowers the entire season. It is a good cut flower for vases, etc. Those who desire a plant which gives abundance of flowers for table decoration will find it in this. Each, 25c.

DELPHINIUM FORMOSUM.

(PERENNIAL LARKSPUR.)

Should be planted extensively even in the smallest garden. Its long spikes of bright blue flowers make a show from June until frost. Each, 20c.; 3 for 50c.

DAY LILY, or Funkia.

A handsome, showy plant, with beautiful large broad leaves. Flowers large, resembling Lilies, pure waxy white, borne in large trusses. Very fragrant, likes partial shade. Each, 25c.; 3 for 70c.

Yellow. Large golden-yellow, flowers July and August. Each, 20c.; 3 for 50c.

Variegated Leaved. Green and white leaves and purple flowers. Each, 25c.; 3 for 70c.

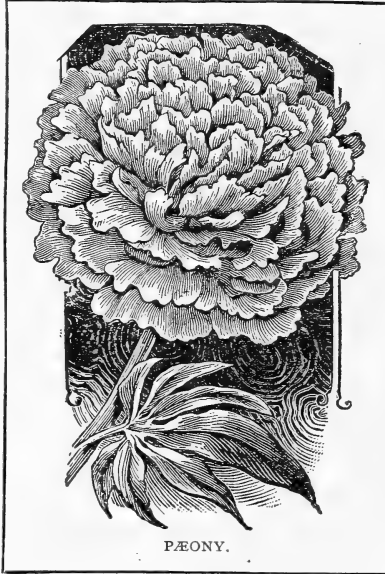
IRIS.—(FLEUR-DE-LIS.)

German. Thrive in low ground, marshy places, or on edges of ponds. Broad leaves, large ornamental flowers of rich and elegantly blended colors exquisitely striped with dark violet purple or bronzed lines, upon a lighter ground. We offer 6 distinct varieties. Strong roots, each, 20c.; one each of 6 for \$1.00.

Japan. Different from German Iris. Narrow leaves, handsome, very large flowers in June and July. Each, 20c.; 3 for 50c.

PANSY PLANTS.

Grown from our celebrated "Florists Mixture." Every color and marking. Doz., 50c.; 30 for \$1.00. *Not prepaid.*



PÆONY.

are perfectly hardy, require little or no care, and will produce larger and finer blooms when well established. We offer *white, rose and crimson*. Price, 30c each, 4 for \$1.00.

HOLLYHOCKS.

As a background in large borders, or beds of low growing herbaceous plants there is nothing better. Grow 5 to 6 feet. They require a deep, rich soil, and any extra care bestowed on them they will liberally repay in beauty of bloom. We have excellent young plants, raised from our celebrated strain of seed, and offer the following leading colors:

Pure White,	Dark Crimson,
Clear Yellow,	Deep Maroon,
Light Rose,	Flesh Color.

Strong roots, each, 20c.; doz., \$2.00.

LILY OF THE VALLEY.

Strong clumps for outdoor planting, by mail, postpaid, each, 35c. *Not prepaid*, each, 20c.

PEONIES.

We grow these in large quantities. They produce flowers almost rivaling the Rose in brilliancy of color and perfection of bloom. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and will produce larger and finer blooms when well established. We offer *white, rose and crimson*. Price, 30c each, 4 for \$1.00.

PERENNIAL PHLOX.

A bed or border of Phlox is one of the grandest features of a garden, and even though left with little attention it does not materially interfere with their sturdy growth. Finest improved varieties, assorted, embracing all the leading shades. Single roots, 15c.; per doz., \$1.50.

HARDY MAY PINKS.

Her Majesty. Low-growing flowers, purest white, as large as Carnation, rich, clove fragrance. Large, 30c. each; 4 for \$1.00; young plants, 15c. each; 4 for 50c.

Old Grass Pink. The Flowers are fringed; deep rose color; very fragrant. 15c.; 4 for 50c.

Snow. Large, pure white; fine for cut flowers. Each, 15c.; 4 for 50c.

YUCCA.—(ADAM'S NEEDLE.)

Narrow, evergreen leaves. Bears in summer, creamy-white, bell-shaped flowers on a spike 3 or 4 ft. high. Young plants, each, 20c., postpaid. Stronger roots, 35c., *not prepaid*.



GERMAN IRIS.

Hardy Ornamental Shrubs.

ONCE planted in a suitable situation, Hardy Shrubs increase in size and beauty from year to year with little or no further care. They very materially add to the attractiveness of the grounds.

Strong, well rooted plants are more certain to grow, and, too, they make a show much sooner. It has long been apparent to us that this is the most satisfactory size to offer. *We can forward only by express or freight. No charge for packing.* When possible to mail small plants will do so at these prices.

Varieties of Special Merit.

→ HARDY PLUMED HYDRANGEA. ←

(*Hydrangea Paniculata Grandiflora*.)

The finest hardy shrub in cultivation. Adapted to any part of the country, perfectly hardy, stands heat and cold remarkably well. For the cemetery there is no better shrub. Grows 3 to 4 feet high, blooms from July until frost. Its flowers are nearly a foot in length, white when they first open, afterwards changing to rose, remaining in good condition for weeks.

Bushy, field-grown plants, each, 20c.; doz., \$2.00.

Tree form plants, 3 to 4 feet high. Will make fine specimens on the lawn or in the garden. Each, 65c., by express only

RHODODENDRON, or Rosebay.

Universally admitted to be the most magnificent, hardy ever-green shrub that grows. The flowers range through rose, pink, crimson, white, etc. The plants we offer are strong and bushy, well set with buds. Will bloom same season set out. Protect first winter with leaves or brush. *First size* (4 to 7 buds), each, \$1.00. *Large size* (8 to 12 buds), each, \$1.50.

NEW SPIREA, Anthony Waterer.

One of those exceptional novelties that occur only at rare intervals, adding richness and beauty to our garden. It outshines all Spireas in brilliancy of color, being a bright crimson, of dwarfer and denser growth, and in bloom the entire summer. Each, 35c.



SNOWBALL.—VIBURNUM OPULUS.

A well-known shrub which attains the height of 8 or 10 feet. Produces large balls of snow-white flowers in June. Large plants, each, 20c.

General List of Hardy Shrubs and Hedge Plants.

The month named gives the period of blooming. A judicious selection will give flowers all season. Price, *unless otherwise noted*, large, well-rooted plants, each, 25c.; doz., \$2.50, *not prepaid*.

ALMOND, Double rose-flowered. Blooms very early in spring. Can be forced in pots.

ALTHEA, or Rose of Sharon. Erect growing, branching plants with double rose, purple or white flowers. August and September. Mixed, large strong plants.

BARBERRY, Purple. Violet colored foliage, showy red fruit, used in some localities for preserves.

CALYCANTHUS Floridus. (Sweet-scented Shrub.) Flowers dark chocolate, with pine-apple fragrance. Everybody likes this. June.

DEUTZIA Gracilis. A dwarf bush. Pure white flowers. June. A valuable plant for winter window gardening. Each, 15c.; 4 for 50c.

DOGWOOD, Red Twigged. Makes a strong bush. Stem and branches turn blood-red in winter. Flowers white. Very freely produced.

ELEAGNUS, Longipes. Silver-leaved. Flowers yellow, followed by orange-red berries, which, when cooked, make a delightful sauce. June.

FORSYTHIA Viridissima. Dark-green leaves, yellow flowers. April.

HONEYSUCKLE, Upright Tartarian. Spreading habit. Pink flowers, followed by red berries. May.

For Climbing Honeysuckle, see Page 94.

LILAC, Common Purple.

They stand more neglect, heat or drought without showing any bad effects, than any other plant and there is hardly any other shrub that can take their place as ornamental plants for borders, etc. May. **Common White.** Fragrant white flowers. **Persian.** More slender in growth and finer foliage than the common Lilac. **Purple.** **Persian White.** Flowers white. Good for cemetery decoration.

MOCK ORANGE, or Philadelphus.

Coronarius. Flowers early in June, showing large clusters of white fragrant flowers.

Aureus. Golden yellow foliage, that keeps the color well during the season, giving the plants a very unique and distinct appearance.

Cordata. Leaves heart-shaped, flowers large, pure white. Each, 20c.; per doz., \$2.00.

FOUR GRAND SPIREAS.

Spiræas at any season are beautiful ornaments on the lawn. **Van Houttei**, when in bloom, is a complete fountain of white flowers, the foliage scarcely showing. Early. **Billardi.** Rose colored flowers. Blooms late. **Prunifolia.** (*Bridal Wreath*.) Double white. Early. **Reevesii, fl. pl.** Double white in clusters.

One each of the 4 prepaid for \$1.00.

WEIGELIAS, during their flowering season, in June and July, are covered with lovely flowers. **Candida.** Pure white. Rosea, rose colored.

SPECIAL OFFER: We will send 12 hardy, large shrubs, 12 sorts, *our selection*, for \$2.00, by express or freight, *not prepaid*.

HEDGE PLANTS.

We can supply these on short notice. Write for price on large quantities. Not prepaid, per 100.

Osage Orange, 2 years	\$1.00
Honey Locust, 2 years	1.50
Privet, 18 to 24 inches.	7.50
Berberry, common, 15 to 20 inches.	5.00

A Page of **HARDY CLIMBERS.**

EVERYONE who is the fortunate possessor of a few feet of ground will gladly devote some space to the cultivation of the graceful and easy-growing climbers. They thrive and flower everywhere, even in our crowded, smoky cities, where light and sunshine is limited to a few hours daily, and where most of the hardy shrubs refuse to take hold, or in situations more congenial.

◀◀ **CLEMATIS**, The Queen of the Climbers. ▶▶

For covering verandas, pillars, trellises, or any unsightly tall object, there is nothing to compare with the Clematis. It is a rapid grower, reaching a height of fifteen feet during the season. Its enormous flowers, four or five inches across, are produced in such profusion as to almost hide the foliage. They are both beautiful and lasting.

Plant at any time, from April to June, and deep enough so that the crown of the roots will be at least four inches below the surface of the soil.

Our Clematis plants are from the best European growers. They are extra size, three-year-old roots. We can ship by express only, and prices do not include prepayment.

❖❖ Large Flowering Clematis. ❖❖

Price, 3-year-old plants, each, 60c.;
3 for \$1.50; doz., \$6.00.

JACKMANII. The best known of the family. Rich, royal purple flowers from July to October.

Mad. Baron Viellard. Flowers very large; light rose with lilac shadings; very distinct.

Duchess of Edinburgh. The best of the double pure whites, deliciously scented.

Miss Bateman. White, with chocolate-red anthers.

Gipsy Queen. One of the very finest of the rich purple varieties, a strong grower and free bloomer.

Henryi. The best of the white sorts. Robust and a strong grower.

Fragrant, Small Flowering Clematis.

These are strong, well-rooted plants. They weigh less and are not as large as the imported stock. We will send small plants of following, by mail, at prices quoted. Larger ones are used for express orders.

Coccinea. Entirely hardy. Bears thick, bell-shaped flowers of a bright coral-red color, from June until frost. Each, 25c.; 5 for \$1.00.

Flamula. (*Virgin's Bower*) Vigorous grower. When trained on trellis work its pure white flowers look like a mass of snow. Each, 25c.; 5 for \$1.00.

PANICULATA. (New Sweet-scented Japan Clematis.) In our opinion this fine vine takes equal rank with the Boston Ivy (*Ampelopsis Veitchii*.) It grows amazingly fast, and bears pure white flowers in great sheets during September. It is as fragrant as a Jasmine, and hardy as an oak. Field grown plants, each, 40c.; 3 for \$1.00.

SPECIAL OFFER:—One good strong plant of each of the above 9 Clematis for \$3.50, not prepaid.

⇒ **HONEYSUCKLES.** ⇐

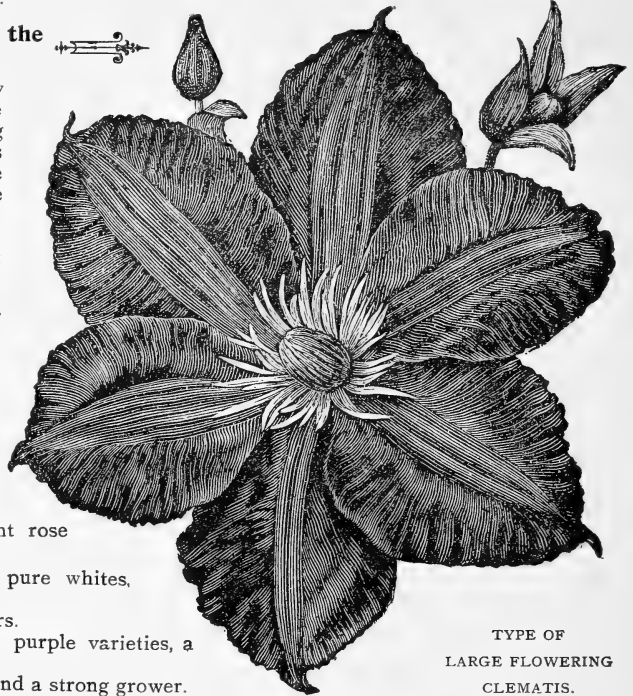
Well-known climbers, blooming at intervals through the summer and autumn, and retaining the foliage late in the winter. Each, 25c., not prepaid.

Sweet-scented Monthly. Red and yellow.

Scarlet Trumpet. Scarlet flowers.

Japan Golden Leaved. Yellowish flowers; variegated leaves, beautifully netted; very desirable.

Hallianna. Introduced from Japan by Dr. Hall, and, though comparatively unknown, is one of the best Honeysuckles grown. It is a vigorous and rampant grower and an evergreen, producing flowers of pure white, changing to yellow. Very fragrant, and covered with flowers from July till frost; holds its leaves till January. A very good bloomer.



TYPE OF
LARGE FLOWERING
CLEMATIS.

● **AMPELOPSIS.** ●

VEITCHII. (BOSTON IVY.) This is the vine so well adapted to and freely used for training on stone walls, around porches and window frames. It clings to the smoothest surface, its overlapping leaves forming a mass of dark-green foliage. This, in autumn, assumes lovely crimson and yellow tints. Small plants, each, 15c.; 4 for 50c., postpaid. Strong, well-rooted plants, each, 25c., not prepaid.

QUINQUEFOLIA. (VIRGINIA CREEPER.) Native vine; a very, rapid grower. Used to cover dead trees, unsightly fences, etc. Green leaves, which take on beautiful tints in fall. Large plants, not prepaid, each, 25c.

DUTCHMAN'S PIPE.—(ARISTOLOCHIA SIPHO.)

A rapid grower, with large, heart-shaped leaves and brownish, sweet-scented flowers, which resemble in shape a miniature pipe. Large plants, not prepaid, each, 35c.; 3 for \$1.00.

TRUMPET CREEPER.—(BIGNONIA RADICANS.)

Will flourish under most adverse circumstances. Flowers, orange-red, trumpet-shaped. Large plants, each, 40c.; 3 for \$1.00, not prepaid.

● **WISTARIA.** ●

They are well adapted to training on a stout wire or on walls. Very vigorous in growth. Purple flowers in long, pendant clusters. Large plants, each, 50c.

The Hardy Climbing Roses Crimson Rambler, Prairie Queen and Baltimore Belle, might be included in this list. For price and description see Rose pages.

Apple and Other Fruit Trees.

THERE is nothing so healthy as fruit—nothing so easily grown. Set out fruit trees in abundance and you will be well repaid.

Especial attention is called to the *very superior quality* of the nursery stock we supply. It is *first class* in every respect, *smooth, straight, handsome*.

We shall be pleased to quote prices on different sizes, larger quantities, or other nursery stock than herein named. In corresponding, please state definitely size and number required. Korrespondenzen in deutscher sprache.

APPLES.

Our Apple Trees are especially fine, 5 to 7 feet high.

Price, unless otherwise noted, each, 25c.; doz., \$2.50; 100 \$15.00.

Our selection of sorts, each 20c.; doz., \$2.00; 100, \$12.00.

Special rates made on large lots.

Summer and Autumn Varieties.

Early Harvest. Medium, pale yellow. July and August.

Red Astrachan. Large, beautiful deep crimson.

Duchess of Oldenburg. Large, yellow streaked red, juicy, rich, sub-acid.

Alexander. Large beautiful red apple.

Keswick Codlin. Large, pale yellow, fine for cooking and market. Ripens in July and August.

Snow. Medium, brilliant crimson, mild and agreeable. October.

Maiden's Blush. Large, beautiful.

Wealthy. Large, red, sub-acid.

Yellow Transparent. Earliest and best; white, tender, juicy, sub-acid.

Winter Varieties.

Baldwin. Bright red, juicy, crisp.

Ben Davis. Large, handsome, striped, valuable.

Northern Spy. Large, striped, mild, sub-acid.

Jonathan. Medium, red, extra quality.

Rhode Island Greening. Large, greenish yellow, tender, rich acid. Each, 35c.

Talman Sweet. Medium, pale yellow.

Wagener. Good size deep red in the sun; flesh firm, sub-acid, excellent.

CRAB APPLES.

Early and annual bearers; hardy and ornamental. Price, 5 to 7 ft., each, 25c.; doz., \$2.50; 100, \$15.00.

Hyslop. Large deep crimson; one of the most beautiful of crabs. October to January.

Transcendent. Immensely productive, bright red. September and October.

Whitney. One of the largest, glossy green, splashed carmine, firm, juicy, excellent for cider. August.

Yellow Siberian. Large, beautiful golden yellow. September and October.

PACKING and delivery to railroad depot or express office **free of charge.** For light shipments we advise express; larger quantities or heavy packages generally go safely by freight. Purchaser pays transportation charges.

Please order early. Make out your list *today.* We will ship your stock just as soon as soil and weather permits, and notify you when we have done so.

We supply six at dozen, twenty-five at hundred rates.



BISMARCK APPLE.

A New Zealand production. Tested and found to be very hardy in this country and Europe. *Bears when only two years old.* Largely grown in pots for decorative purposes. Fruit golden yellow, large, handsome; flesh tender, delicious flavor fine for cooking. Will keep into March. Young plants, 25c. each by mail, post-paid. Extra large, 50c. each, express or freight.

PEARS.

Those marked (*) can be supplied in standard, (5 to 7 ft.) or dwarf form (4 to 5 ft.) at the same price.

Unless noted, each, 40c.; doz., \$4.00; 100, \$25.00.

***Bartlett.** Buttery, juicy, great bearer.

***Idaho.** A month later than Bartlett, golden yellow with russety spots.

Kieffer. Russety yellow. Best for canning.

***Koonce.** Ripens with the earliest. Yellow with carmine cheek. A leading market sort.

***Lincoln Coreless.** Winter. Solid meat almost no core; very large, each, 50c.

***Seckel.** Small, yellowing brown, red cheek.

CHERRIES.

First-class trees, 4 to 6 ft., each, 40c.; doz., \$4.00; 100, \$25.00.

Black Tartarian. Sweet, black, large, juicy, rich. Makes a good shade tree also; late June.

Early Richmond. Best early, dark red, sub-acid, juicy. June.

English Morello. Blackish red, rich, acid, juicy. August.

PEACHES.

Perfectly healthy trees, with splendid roots. Unless noted, 4 to 6 ft., each, 20c.; doz., \$2.00; 100, \$15.00.

Alexander. Freestone; white and red. July.

Crawford's Early. Freestone; yellow and red. September.

Crawford's Late. Freestone; very large. October.

Foster. Freestone; yellow and red. September.

Hale's Early. Freestone; rich and juicy. August.

Oldmixon. Freestone; large, highly flavored. September.

Stump-the-World. Very attractive; fine. September.

Yellow Rare-Ripe. Freestone; yellow. August.

Yellow St. John. Ripens about ten days after Hale's. Nearly as large as Crawford, fully equal in color and of superior flavor; fruit round, brilliant, showy. August.

Young Fruit Trees, Grape Vines, Etc., by Mail, Postpaid.

One-year trees and vines, *finely rooted*, cut back suitable for mailing, *guaranteed to reach you in good condition*, with proper treatment are almost certain to live and do well. Those wishing to plant small lots, to make small investments, *to save freight or express charges on long distance shipments*, to plant young thrifty stock and train according to their own requirements, will find this size admirably suited to their needs.

Apples, except Bismarck, each, 10c. **Crab Apples**, each, 15c. **Pears**, each, 25c. **Peaches**, each, 15c. **Cherries**, each, 25c. **Plums**, each, 25c. **Grape Vines** each, 15c.

Fruit and Ornamental Trees.—Continued.

PLUMS.

Fine, healthy trees, 5 to 7 feet. Each, 30c., doz., \$2.50.

Abundance. (Japan.) Lemon-yellow, overspread with cherry; flesh orange-yellow, juicy and tender; abundant and annual bearer. August.

Pottawattamie. (Native.) Strong, vigorous grower, hardy and an immense bearer; fruit large, yellow ground, overspread with pink and white dots. August.

Wild Goose. Fruit medium; red, with blue bloom; flesh juicy and sweet. July.

Shropshire Damson. Medium; dark purple, very productive; best for preserving. October.

QUINCE.

Meech. A vigorous grower and immensely productive. Fruit large, orange-yellow, fragrant. Cooking qualities unsurpassed; each, 30c., 4 for \$1.00.

RUSSIAN MULBERRY.

Hardy, vigorous grower; valuable for feeding silk worms, etc. Fruit of small size; varies in color from white to black. Young trees, four to five feet, each, 30c.; 4 for \$1.00.

GRAPE VINES.

Strong, well-rooted, two-year-old plants, shipped by express or freight only. Special prices on large lots.

Brighton. Very early; large bunch and berry, dark red; the best of its color for table use.

Concord. Ripens about middle of September; purplish black. A grape anybody can grow.

Delaware. Red. Bunch and berry medium size. Each, 15c.

Martha. The oldest hardy green, turning to pale yellow when fully ripe.

Niagara. Light greenish white. Sweet to the center. Vine hardy and very productive. September.

Moore's Early. Black, with heavy blue bloom. Two weeks earlier than Concord.

Pocklington. Light golden yellow; bunches very large; sweet and juicy. Quality much superior to Concord.

Price, except noted, each, 20c.; doz., \$2.00. Our choice of sorts 15c. each; \$1.50 per doz.

EVERGREENS.

They are grown either as single specimens, or for making compact hedges around cemetery plots and other locations.

Arbor-vitae, American. 1½ to 2 ft. Each, 40c.

Juniper, Irish. For cemetery use, 2 ft. " 50c.

" **Virginica.** (Red Cedar.) " 50c.

Pine, Austrian or Scotch. 2 to 3 ft. " 50c.

" **White.** Forms a tree. 1½ to 2 ft. " 50c.

Spruce, Norway. For hedges; 2 to 3 ft. " 50c.

" **Colorado Blue.** 12 to 15 inches. " 75c.

NUTS.

Set out Nut Trees instead of Nuts.

Almost every farmer now plants a few Nut Trees each season. Probably no branch of tree cultivation yields such profitable results, nuts in many cases paying better than many farm crops.

Prices named are for transplanted trees, mostly 3 to 4 feet, for shipment by express or freight. Small, one-year-old trees by mail, each, 15c., postpaid.

Butternut. Each, 30c.; doz., \$3.00.

Chestnut, American Sweet. A valuable article of commerce. Each, 25c.; doz., \$2.50.

Filbert, English: Hardy, succeeding on almost all soils. Early and abundant bearer. 25c., doz., \$2.50.

Hickory, Shellbark. Wood prized for mechanical use as well as fuel. Nut rich and meaty. 40c., doz., \$4.00.

Walnut, Black. Valuable for its timber. Each, 30c.

Walnut, Japan Sieboldi. Perfectly hardy. Valuable as a nut and ornamental. Meat is sweet, flavor like butternut. Nuts produced in clusters of 15 or 20. A valuable introduction that should be extensively planted. Each, 40c.; doz., \$4.00. Mailing size, each, 20c., postpaid.

SHADE TREES.

For street trees there is nothing better than the Rock or Sugar Maple; Ash is good. For lawns, Cut-leaved Weeping Birch is one of the most beautiful. Linden, Tulip, Maple, Ash, Elm, etc., should have a place in large grounds.

Ash, White. 6 to 8 feet. Each, 50c.; doz., \$5.00.

Ash, European. 6 to 8 ft. Each, 50c.; doz., \$5.00.

Catalpa, Speciosa. 6 to 8 ft. Each, 50c.; doz., \$5.00.

Catalpa, Tea's Japan. 6 to 8 ft. 50c., doz., \$5.00.

Elm, American. 6 to 8 ft. Each, 50c., doz., \$5.00.

Horse-chestnut. 4 to 5 ft. Each, 50c.; doz., \$5.00.

Linden, American. (Basswood.) 6 to 8 ft. Each, 60c.; doz., \$6.00.

Maple, Norway. 6 to 8 ft. Each, 50c., doz., \$5.00.

" **Sugar or Rock.** 6 to 8 ft. 50c.; doz., \$5.00.

" **Silver.** 6 to 8 ft. Each, 40c.; doz., \$4.00.

" **Ash Leaved.** 6 to 8 ft. Each, 40c.; doz., \$4.00.

Tulip. (Whitewood.) 5 to 6 ft. 45c.; doz., \$4.50.

WEeping TREES.

The drooping branches of Weeping Trees make this class desirable for cemetery decoration.

Birch, Cut-Leaved. 6 to 8 ft. Each, 75c.

Beech, Pendula. 2 to 3 ft. " \$1.00.

Elm, Camperdown. " 75c.

Mountain Ash. " 75c.

Mulberry, Tea's. Two-year heads. " 75c.

Willow, Wisconsin. 3 to 6 ft. " 50c.



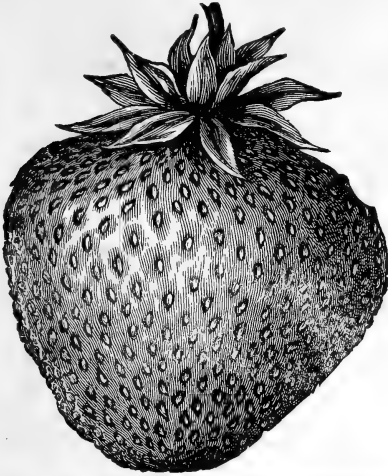
ELEAGNUS LONGIPES.

A shrub from Japan, of the Olive family. It grows to the height of five feet or more; begins to fruit when two or three years old. Fruit ripens about July 4. It is fleshy, juicy, bright red. Used the same as cranberries. Makes delicious sauce. Young plants by mail, each, 20c., 6 for \$1.00, postpaid. Strong plants, 2 feet, each 25c.; doz., \$2.50, not prepaid.

Small Fruit Plants.

We are prepared to mail during the spring months any of the following Small Fruit Plants. The prices quoted include packing, postage and delivery to any post office in the United States.

Should larger quantities be desired for shipment by express, we will take pleasure in quoting very reasonable prices. Write us for an estimate, stating what you wish to purchase.

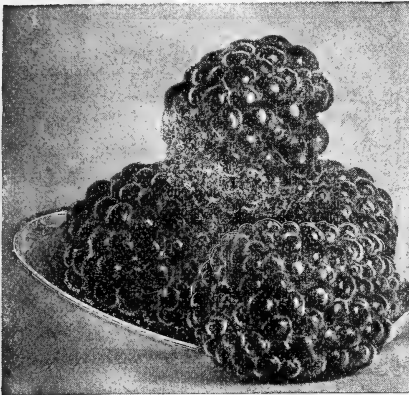


JESSIE STRAWBERRY.

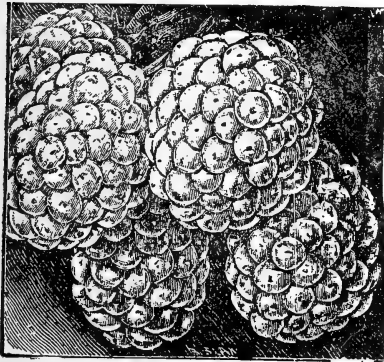
STRAWBERRIES.

Those marked with (P.) are pistillate varieties, and must have a row of a perfectly formed sort planted every 10 or 12 feet to pollinize their blossoms. Dozen

Brandywine. Berries large, dark red, fine flavor. Mid-season.....	\$.30
Bubach No. 5. (P.) Large size, crimson, good flavor. Mid-season...	.30
Clyde. Bright scarlet, fine flavor. Mid-season.....	.30
Crescent. (P.) Light scarlet, bears a long time. Early.....	.30
Greenville. (P.) Large and of uniform size, delicious flavor. Late...	.30
Jessie. Large glossy crimson, excellent flavor. Early.....	.30
Marshall. Berries of very large size; 14 have been known to fill a quart box; dark crimson. Mid-season.....	.40
Parker Earle. Very productive, excellent flavor. Mid-season.....	.35
Sharpless. Large and very prolific, good flavor. Mid-season.....	.30
Timbrell. (P.) Best of the late berries, rich flavor. Late.....	.60
Warfield. (P.) Firm, large, productive, splendid quality. Mid-season	.30
Wilson. Second early. Dark red, slightly acid.....	.30
Wm. Belt. Enormous berries; bright red, conical, glossy. In quality all that can be desired. If you try but one order this variety. Mid-season	.40



CUMBERLAND BLACKBERRY.



ICEBERG BLACKBERRY.

GOOSEBERRIES.

Plant in good, rich soil in rows 5 feet apart by 3 feet in the row. Each

Columbus. Greenish yellow; new but well tested, and is good everywhere.....	\$.20
Downing. Pale green, fine quality..	.15
Industry. Dark red, excellent flavor	.20
Red Jacket. Rich red, good flavor..	.20
Houghton. Light green, an esteemed variety for cooking .....	.15

CURRENTS.

The plants of this fruit should be set 4 feet apart in good, rich soil. Cultivate well or mulch heavily. Each

Black Champion. The leading black sort.....	\$.10
Cherry. The popular red currant...	.10
Fay's Prolific. Large bright red fruit	.10
Versailles. Very large, red, of excellent quality.....	.10
Victoria. Large, bright red.....	.10
White Grape. The best white. Large, of excellent flavor.....	.10
North Star. Extremely hardy, early and an abundant fruiter. Its quality is good, rich and juicy, and being borne on long stems makes it easy to pick; color red.....	.10

RASPBERRIES.

Plant in rows 5 feet apart and 3 feet apart in the row. Dozen

Columbian. A grand berry for the table and canning; purple-red; enormous berries	\$.60
CUMBERLAND. A new black raspberry that makes large crops of enormous berries—the largest of all blackcaps. Fruit ripens a little earlier than Gregg, is very black, firm and may be shipped long distances.....	.75
Cuthbert. Berries large, dark crimson, and good flavor.....	.50
Gregg. Popular market sort, of fine flavor.....	.50
Marlboro. The largest of the early red raspberries, and best home sort.....	.50
Palmer. Very early and good fruit, productive, high quality.....	.50
Shaffer's Colossal. Berries purplish color, rich flavor, very distinct....	.50
Souhegan, or Tyler. Very early and wonderfully productive.....	.50

BLACKBERRIES.

Set the plants out in rows 6 feet apart, and 4 feet apart in the row.

New Iceberg. A novelty in fruits. **White Iceberg.** The berries are as large, early and abundant as the black ones, and the quality is delicious. This is a genuine and really valuable introduction and will be a novelty for years to come. Each, 15c; 3 for 40c; 12 for \$1.50, postpaid. Dozen

Dewberry, Lucretia. (Creeping Blackberry.) Superb quality, a fine fruit.....	\$.75
Erie. Fine, large berries, canes very hardy, a grand variety.....	.75
Early Harvest. The earliest of all.	.75
Kitatinny. Berries large and delicious in flavor.....	.75
RATHBUN. We can offer this fine, new fruit with utmost confidence. Though new, it has been tried in many sections and the verdict is satisfactory from every source. Fruit is enormous—45 berries have filled a quart box—is sweet, firm, with very little core. Plants grow strong and erect, drooping over and propagating themselves like a blackcap Raspberry. Each, 15c; 3 for 40c; 12 for \$1.50, postpaid.	

The Logan Berry. A hybrid of the raspberry and blackberry. The fruit is bright red, in form like large blackberries, combining the flavor of both raspberry and blackberry; pleasant and vinous, not only excellent for dessert, but good for canning, jellies, etc. Seed few and small, strong grower, no thorns, but the canes have soft spines like the raspberry, with similar foliage. Each, 10c; doz., \$1.00, by mail, postpaid.



RATHBUN BLACKBERRY.

TOOLS AND IMPLEMENTS.

The Genuine Matthews Seed Drills, Single and Combined; Hand Cultivators and Wheel Hoes.

The Best Line of Implements for Planting and Cultivating Vegetable Crops to be found in America.

☛ We deliver to any Depot or Express Office in Chicago at prices given here.

Matthews New Universal Drill.

THE STANDARD DRILL OF AMERICA.

It works on the agitator principle, which is certain in its action, and much preferable to any other method in drilling the seed, and besides there is nothing liable to get out of order or bind in the operation.

It opens the furrow, drops and covers the seed, rolls down the earth over it and marks the next row, all by simply pushing the drill forward. It sows with evenness and rapidly Peas, Beans, Broom Corn, Onion, Beet, Carrot, Parsnip, Sage, &c.

Complete Catalogue of
Matthews Hand
.....GARDEN TOOLS.....
Free on Application.



It is provided with an indicator having the names of different seeds thereon. Before planting turn the indicator around until the name of the

seed to be sown comes to the pin at the top. The index is right under your eye while the hopper is easily watched. The flow of seed can be instantly shut off by means of the attachment shown on the handle.

Beware of cheap imitations of this Drill. None genuine but those having the Patent Indicator,

Price, boxed, \$6.50

MATTHEWS GARDEN GEM DRILL.

This machine operates almost identically the same as the regular Matthews Garden Drill, but is smaller pattern. It will sow with equal accuracy most seed as perfectly as the most expensive drill, but is not large enough for the coarser seed like beans, peas and corn. It is just the thing for people with a small garden where fine seeds such as turnips, onions, carrots, etc., only, are planted. It will make the furrow, drop and cover the seed and mark the next row as perfectly as any machine. It is low priced, works like a charm and does its work thoroughly and well. This drill does not have the new seed cut-off.

Price, boxed, \$5.00

MATTHEWS "HILL AND DRILL" SEEDER.

The implement is the same in style and working qualities as the Garden Drill just described, but it is arranged so as to drop the seed either continuously in drill, or at distances of 4, 6, 8, 12, 16, 24 and 48 inches apart. The adjustment from drills to hills is made by one screw. The distance apart is regulated by the number of cogs on the Driving Wheel against which the agitator strikes. The seed cannot drop except when the hole in bottom of Seed Box is opened. This saves seed, as no more can be dropped at a time than is desired, no matter what the distance may be. If this implement is wanted, be sure and order the "Hill and Drill Seeder," as the regular garden drill cannot be fitted with the attachments. Price, boxed, \$7.50.

MATTHEWS COMBINED DRILL, CULTIVATOR, PLOW, RAKE AND DOUBLE WHEEL HOE.

Six Machines in One.

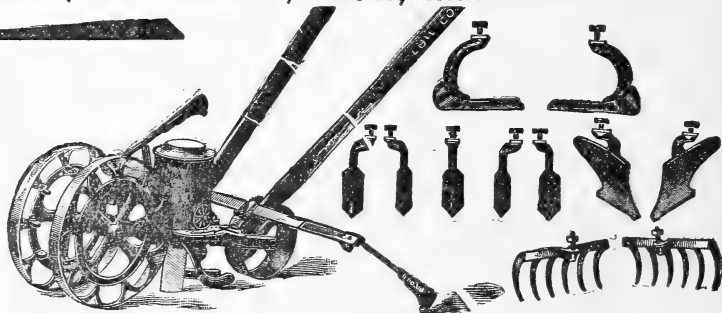
PRICE, BOXED,
only \$8.50

This illustration shows the Combination Implement as a Double Wheel Seeder—also the attachments. It is not only a desirable combination of the Garden Drill already described, but with the New Universal Cultivating Attachments, but it has the advantage of being either a Double Wheel or Single Wheel implement at will, the change from the one to the other being readily made.

The two wheels are desirable, however, when used as a cultivator or wheel hoe, as in this way the rows of young plants may be straddled, and the cultivating done on both sides of the row at one passing. An especial feature of this implement is that when used in straddle row cultivation there is no projection below the frame to interfere with plants. The seeding and covering attachments can be readily removed when the implement is used for cultivating. It is not necessary to remove the seed box, but it can be taken off if desired, and the frame left without any unnecessary encumbrance. There are three adjustments for regulating depth when used as a Cultivator and five when used as a Seeder.

The combination is one which cannot fail of recommending itself to all. The attachments are: 1 pair Hoes, 5 Cultivator teeth, 1 pair Rakes, and 1 pair Plows.

Remember, this is the only Combination Implement made that can be used either as a Seeder or as a Cultivator, with One or Two Wheels as desired. It is a perfect combination.



New Universal EXPANSION Wheel Hoe, Cultivator, Rake and Plow. HIGH ARCH.

A Double or Single Wheel Implement at will.

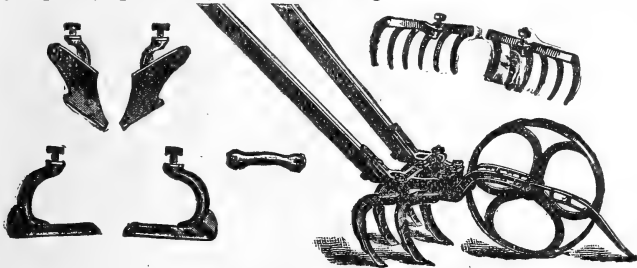
In this new implement the wheels are 12 inches in diameter and the adjustable arch is high enough to cultivate over plants 20 inches or more in height. The Adjustable Arch also affords means for regulating depth and for setting pitch. This implement can be used either by a man or a boy.

The attachments are: 1 pair long bladed hoes, 1 pair short bladed hoes, 1 pair narrow cultivators, 1 pair wide cultivators, 1 center cultivator, 1 pair plows, 1 pair rakes, 1 pair vine guards, 1 center tooth holder.

New Universal Single Wheel Hoe, Cultivator, Rake and Plow.

Price, boxed, with all attachments, \$4.50.

This is an improvement over other tools of this type. It can be used either between or astride the rows, although it is really intended for between row cultivation. For straddle cultivation the wheel can be set to one side so as to bring the row of young plants under center of frame. The adjustment for graduating the depth of cultivation is unique and readily accomplished. The attachments are: 1 pair hoes, 5 cultivator teeth, 1 pair plows, 1 pair rakes, and 1 vine or leaf guard.

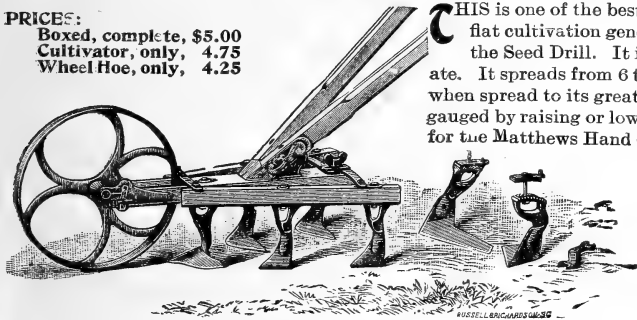


New Universal No. 2 Single Wheel Hoe, Cultivator and Plow.

This implement is the same as the regular Single Wheel Hoe, except that the attachments are 1 pair hoes, 3 cultivator teeth, 1 large plow. Price, \$4.00. If this machine is wanted, be sure to mention No. 2.

MATTHEWS HAND CULTIVATOR AND WHEEL HOE.

PRICES:
Boxed, complete, \$5.00
Cultivator, only, 4.75
Wheel Hoe, only, 4.25



THIS is one of the best implements in use for weeding between row crops, and flat cultivation generally, and is an indispensable companion implement to the Seed Drill. It is thoroughly constructed, very durable, and easy to operate. It spreads from 6 to 14 inches, and will cut all the ground covered, even when spread to its greatest extent. The depth of cultivation may be accurately gauged by raising or lowering the wheel, which is quickly done. We can furnish for the Matthews Hand Cultivator, if desired, a pair of superior style hoes, with long steel blades, for use in exchange with the cultivator teeth, which are easily and quickly adjusted, or we can furnish implement with hoe blades, and without cultivator teeth, if desired.

New Universal Hand Wheel Plow.

THIS little labor-saving implement is one that commends itself to all gardeners. It can be used to prepare the ground, to furrow out, to cover and to cultivate. The mould-board is of steel, polished and tempered. Price, boxed, \$2.00.

New Universal Harrow Cultivator,

WITH 14 TEETH.

For close working among small plants where it is not desired to throw the dirt but simply to loosen and pulverize it. The teeth are adjustable, either side up, both straight and slanting, thus combining several implements. Price, \$7.00 f. o. b. cars, Chicago.

New Universal "Excel" Horse Hoe and Cultivator.

This last addition to these famous Tools we can recommend as strictly first-class in every way and the equal of any implement in the market. Price, \$8.50.



NEW MODEL SEED DRILL.

One of the best seeders on the market. The names of the principal seeds are plainly shown. The main wheel is of large size and unusual width, preventing its sinking into soft earth. Weight, packed, about 40 lbs. Price, boxed, \$8.00.

Planet Jr. Farm and Garden Tools.

Space will not permit illustrating and describing all of the Planet Jr. Tools, but we will gladly send a fully illustrated catalogue to any who desire it; and we can supply promptly anything ordered. Planet Jr. goods are standard machines—the best. Combine your seed and tool orders and save freight.

Planet Jr. Seed Drill No. 2.

The seed-sowing device of this machine is extremely simple. The discharge openings are diamond shape and may be regulated to suit any kind of seed or thickness of sowing. It is perfectly adjustable, will sow at any depth, in any quantity, will roll light or heavy, and in every respect works to perfection.

Price.....\$7.75

Hill and Drill Seeder and Cultivator Combined No. 4.

This machine sows in continuous rows, or drops with the greatest accuracy in hills, 6, 12, 24 or 36 inches apart. For use as a cultivator and drill, parts are entirely removed, leaving it a perfect wheel hoe.

Price complete, \$12.00; drill only.....\$8.50

Combined Drill, Seeder, Wheel Hoe, Cultivator, Rake and Plow No. 1.

Does the same work as the No. 2 Drill, with the added advantage of being a first-class wheel hoe, cultivator and garden rake. It is without an equal in variety of tools, strength, lightness and ease of adjustment. Price.....\$10.50

Planet Jr. Double Wheel Hoe, Cultivator Rake and Plow No. 11.

This tool is adapted to almost every kind of work. It is invaluable for market garden crops and for fine cultivation generally. Price complete, \$9.50; price

....., with fewer attachments.....\$7.50

Planet Jr. Double Wheel Hoe—Plain.

This is the same as the complete machine, except that it is furnished with a pair of hoes only. It is well adapted to the requirements of those who have but little work to do, and is offered at a very reasonable price.....\$4.75

Planet Jr. Single Wheel Hoe, Cultivator Rake and Plow No. 16.

This single-wheel hoe is preferred by some. They are considerably lighter than the double, but do nearly the same variety of work. This machine has hoes, cultivators, rakes and plow, and is capable of a great variety of combinations. Price.....\$6.00

Planet Jr. Single Wheel Hoe No. 17.

This machine is much the same as No. 16, with the exception that the rakes are omitted. Price.....\$4.75

The set of three cultivator teeth work easily and do invaluable service in deep culture when the crop is well grown.

Planet Jr. Horse Hoe No. 8.

With all attachments, expanding lever; thoroughly first class in every particular. Price.....\$10.00

The amount of work that can be done by one of these tools, is remarkable. The slanting round edge, as shown, may be run as close to the plants as to almost touch them without danger to the roots. The rear shovel throws the earth back to the row. One of the new features of this machine is the *Patent Depth Regulator* carried in the center of the tool. It works and sets at any depth simultaneously with the wheel lever. With this the tool runs more steadily and depth may be gauged instantly without stopping.

Planet Jr. 12-Toothed Harrow Cultivator and Pulverizer.

Because of adaptability for thorough, fine work in narrow rows without throwing earth on small plants, it is much valued by market gardeners and farmers. Price, plain, \$6.50; complete.....\$10.00

PLANET JR. No. 4

Combined Hill and Drill Seeder.

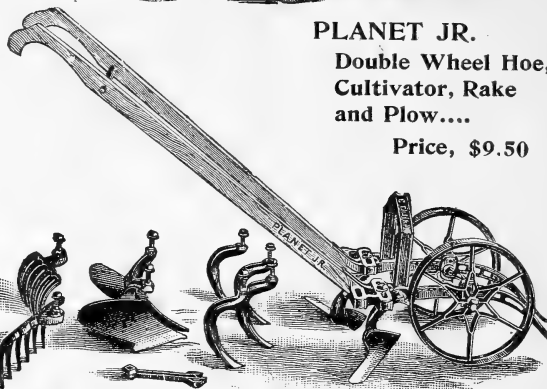
Price, \$12.00



PLANET JR.

Double Wheel Hoe, Cultivator, Rake and Plow....

Price, \$9.50



"PLANET JR." No. 17

Single Wheel Hoe, Cultivator and Plow.

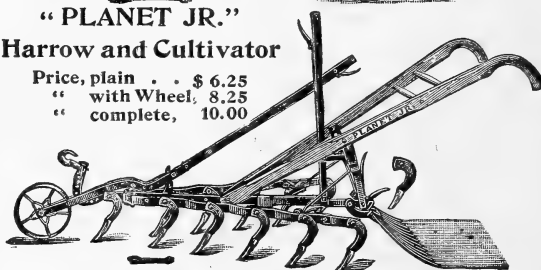
Price, \$4.75



"PLANET JR."

Harrow and Cultivator

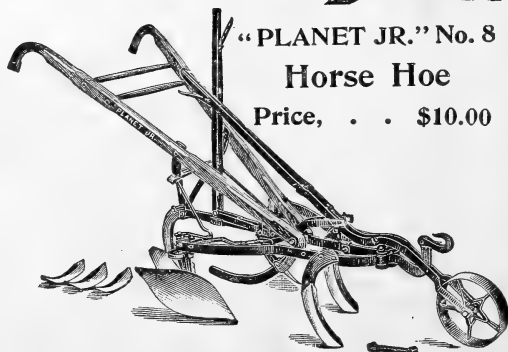
Price, plain . . . \$6.25
" with Wheel, 8.25
" complete, 10.00



"PLANET JR." No. 8

Horse Hoe

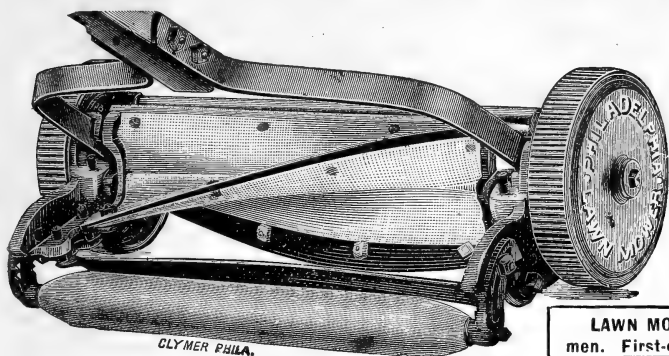
Price, . . \$10.00



**The Genuine
Philadelphia**

LAWN MOWERS.

Full descriptive circulars mailed on application.....



STYLE M.

MUCH good money is annually wasted in buying cheap and worthless Lawn Mowers. This can be avoided by purchasing a well-made machine, and if costing a little more at the beginning, it will save many times the difference in cost in a short time, and give endless pleasure. The PHILADELPHIA LAWN MOWERS have long ago established their reputation as the BEST. They are constructed on the most thorough mechanical principles, and on account of their simplicity and superior construction are more durable and less liable to get out of order, and will do better work than any other lawn mower made.

LAWN MOWERS SHARPENED AND REPAIRED by skilled workmen. First-class work guaranteed. Please send in your machine early **EXTRA PARTS KEPT IN STOCK.**

HAND MOWING MACHINES.

STYLE A. Width of cut, 15, 17, 19 and 21 inches. Four blades (all steel.) Height of driving wheel, 10 inches. Will cut high grass. The simplest of its kind.

STYLE E. Width of cut, 15, 17, 19 and 21 inches. Has high ten-inch driving wheel, four blades, cylinder 6½ inches. Unlike all other Mowers, the driving wheel and cylinder can be removed, leaving a solid frame.

STYLE K. Width of cut, 14, 16, 18 and 20 inches. This Mower is made on correct principles with a single Pinion and Five blades. It does the finest kind of work and is the lightest running Mower made. For a first-class Mower it has no equal.

STYLE T. Width of cut, 14, 16, 18 and 20 inches. Four blades, open wiper, with wrought iron riveted cylinder. The blades are BOLTED TO CYLINDER. They can be replaced at small cost; In repairing, saves the expense of a complete cylinder. It combines all the improvements of the Philadelphia, running light and doing fine work.

STYLE M. Width of cut, 10, 12, 14, 16, 18 and 20 inches. This mower is for general purposes, very popular, and adapted for rough, uneven grounds, as well as the finest smooth lawns. This machine does excellent work, is easy to run and durable.

STYLE C. Width of cut, 15, 16, 18 and 20 inches. This style has been manufactured to fill the demand for a medium high lawn mower that has merit. It has all improvements with a four-blade open cylinder and 8½ inch drive wheel. It runs lightly, does fine work and is a valuable addition to the list.

Special Prices for 1899.

10 in.	Style M.	\$ 4.25
12 "	" M.	4.75
14 "	" T or C.	5.50
16 "	" T or C.	6.00
18 "	" T or C.	6.50
20 "	" T or C.	7.25
15 "	" L.	7.50
17 "	" L.	8.50
14 "	" K.	5.75
16 "	" K.	6.25
18 "	" K.	7.00
20 "	" K.	7.50
15 "	" A.	9.50
17 "	" A.	10.50
19 "	" A.	11.50
21 "	" A.	12.50
25 "	Pony	35.00
30 "	Horse	75.00

GENUINE PHILADELPHIA HORSE MOWING MACHINES.

These machines are intended for parks and large open grounds, and are constructed in a most thorough manner. They are designed to be what they have already proved themselves to be—THE BEST HORSE LAWN MOWER FOR PARKS OR LARGE LAWNS EVER MADE. They will be found on government grounds, public grounds and fine parks in all parts of the country. Made in two patterns, open or closed cylinder.

PONY. Width of cut, 25 inches. Light in weight and draft. Strong and durable. Will do efficient work on a lawn where there is much shrubbery and trees.

HORSE. Width of cut, 30 inches. Suitable for a light horse. Weight, 313 lbs.

HORSE—I. X. L. PATTERN. Width of cut, 30, 35 and 40 inches. This machine is intended for parks and very large lawns. It is constructed in the most thorough and substantial manner and never fails to give satisfaction.

HORSE BOOTS

IMPROVED
QUALITY.

\$9.00 per set of 4



HORSE MOWER.

Genuine Philadelphia Golf Mower.

For the proper care of Golf Links it has been found necessary to build a machine having rapidly revolving blades, to insure a very close clip.

A Brief Description.

Eight blades; height of drawing wheel, 10 inches; diameter of cylinder, 7½ inches; train of three gears on one side of mower; either drawing wheel will work the mower. Various sizes. Send for special circular and prices.

SUNDRY USEFUL LAWN REQUISITES.

GRASS CATCHER, or LAWN MOWER'S PARTNER. Made of light material, and attached to the mowing machine the grass is collected so that it can be removed from the lawn. Adjustable to mowers of different widths of cut. \$1.25

GRASS HOOKS OR SICKLES. Imported English. Extra quality, riveted backs; strong and will hold an edge. No. 0, 50c; No. 1.60
Common Sickles25

GRASS SHEARS. Similar to Sheep Shears. Common, 60c; Imported, 1.25

HOSE. Rubber. Guaranteed quality; ¾ in., 50 ft., with couplings. 6.50

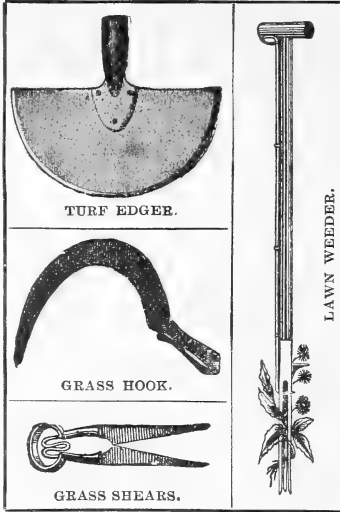
HOSE NOZZLES. Gem. Throws any kind of a stream from solid to the finest spray.35

GEM NOZZLE HOLDER. A device for holding hose if nozzle is used for sprinkling.10

Iron Lawn Rollers. No lawn can be maintained in good order without successive rollings, which work should be done in the spring before the ground becomes dry. These rollers are made in two sections, and are preferable for lawns, as they can be turned without injuring the grass. They are made with weights, which keep the handle up from the ground.

- 1 sec. 12 in. long, 20 in. diameter, 190 lbs. \$ 7.00
- 2 sec. each 7½ in. long, 15 in. diameter, 125 lbs. 5.75
- 2 sec. each 12 in. long, 20 in. diameter, 300 lbs. 12.25
- 2 sec. each 12 in. long, 24 in. diameter, 400 lbs. 15.75
- 2 sec. 12x28, 550 lbs. 21.00

TURF EDGERS. Sharp, rounded blades for trimming edges of borders, walks, etc. Common, 35c; Imported. 1.00



LAWN SPRINKLERS.

PHILADELPHIA. Unlike all other Sprinklers, this does its work perfectly, without a revolving motion, making it durable. \$.75
Send for Special Circular.

ARC LAWN SPRINKLER. A thoroughly good sprinkler, having the additional advantage of distributing water in half or full circle as desired. 1.50

ELGIN. Finely arranged on a frame, so it can be moved about without wading in grass or stopping water. Throws a large volume of water.75

LAWN RAKES. Gibbs' 24 in. head, with guard to prevent grass from falling over back; 30 copper steel wire teeth. Teeth are so constructed as to prevent digging up the soil or clogging.50

Canton. Similar to Gibbs', but without guard.40

LAWN SCYTHES. English. Best scythe that can be used on the lawn; no trouble to keep sharp; 36 in., \$1.25; 38 in. 1.50

LAWN WEEDER. The simplest and most certain weed destroyer ever seen. A light pressure into the soil grasps the weed and a slight pull dislodges it.50

SCYTHE SNATHS.75

SCYTHE STONES. English Round Talacre.15
Common05

SHEARS. Border Grass, 9-inch blade. 2.00
Border Grass, with wheel 9-inch blade. 2.50

Common, 35c; Imported. 1.00

Superb Corn Planter...

This Rotary Drop Planter is

provided with three seed plates, varying in size, so that any desired number of grains may be dropped. It has hard wood staffs and spring steel points, accurately fitted. A coil spring between the staffs keeps the planter in position for entering the soil, entirely obviating the danger of clogging the points. \$1.00

Challenge Potato Planter.

It is claimed that potatoes planted with this device sprout more quickly and uniformly than when planted in the ordinary way, as the seed is deposited in earth that has not been sun-dried and at a uniform depth. Tests made the past season by practical farmers are reported to have thoroughly proved the Planter's efficiency. All the principal parts of the implement are made of steel, it being constructed with a view to secure not only great strength but little weight. The handle is adjustable and can be raised or lowered to suit the convenience of the person using it. In planting with the implement the jaws enter the soil until the front lever strikes the ground, when the next step of the operator forces the top of the planter forward, causing the lever to open the jaws and drop the seed. Price. \$1.25

POULTRY SUPPLIES.

Crushed Oyster Shells. Manufactured from good, clean stock. Used by all poultrymen. 5 lbs., 15c; 25 lbs., 45c; 100 lbs., \$1.00; bbl. of 275 lbs., \$3.00.

Crushed Ground Bone. About the size of wheat or cracked corn, especially prepared for chickens. 50 lbs., \$1.75; 100 lbs., \$3.00.



Little Giant Plant Setter.

This little machine is capable of transplanting 7,000 plants a day, and in operation is found neither heavy nor tiresome. It weighs just four and one-half pounds when empty, and carries water or liquid fertilizer sufficient to set one to two hundred plants. It deposits every plant root securely in the cool, damp soil below the surface, and will set, water, and cover all in one operation. The roots are thus set in nature's own way, and are not cramped nor pressed into crooked or unnatural shape. Pr., \$3.75

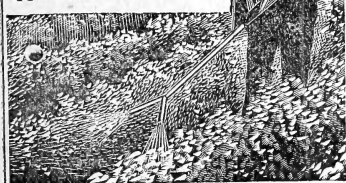
GARDENING TOOLS AND SUNDRIES.

PRICES GIVEN BELOW DO NOT INCLUDE PREPAYING OF CHARGES EXCEPT WHERE NOTED.

EACH.	
BELLOWS. For applying powdered insecticides to plants. Two sizes, \$1.00.....	\$1.25
CORN AND SEED PLANTER. Chautauqua. Unequaled for simplicity, durability and efficiency. It is used like a cane, is self-acting in its operation, has an extra tube for pumpkin seeds, that they can be dropped with the corn. It will plant any kind of garden seeds, as it has this extra tube.....	1.00
CORN PLANTER, Superb. See description on page 102.	1.00
DANDELION PULLERS. English.	1.00
DIBBER. For transplanting vegetable plants, steel points; very desirable; postpaid, 60c.....	.50
FLOWER POTS. Must go by freight. Write for price. State size and quantity desired,	
FORKS. Hand weeding. Mailed, 20c.....	.15
GARDEN LINES, strong braided, 100 feet......	.60
" LINE REELS......	.50
GARDENING TOOLS. Ladies' and Children's set, contains trowel, rake, hoe and weeder. Per set.....	.35
GRAFTING WAX. ½ lb., 30c; per lb.....	.50
If to be mailed, add 16c per lb.	
HOSE, Rubber. See "Sundries for Lawn," page 102.	
HOES, Welded Dutch Scuffle. (Handles 15c each, extra)	
..... 6 in., 60c; 7 in., 65c; 8 in.	.75
Common Scuffle 6 in., 30c; 8 in.	.45
INSECT DESTROYERS. See page 57.	
KNIVES, Pruning, English. (Saynor and Cook).....	1.50
Pruning, American.....	.75
Budding No. 300, \$1.00; No. 207, \$1.25; No. 204	1.50
Asparagus, Imported. Saw tooth blade.....	.90
Seed Potato Humphreys, 30c; postpaid,	.35
LABELS, Painted-Wood Pot Labels. 4 in., per 100, 15c; per 1000, 75c; 6 in., per 100, 25c; per 1000.....	1.50
LAWN TOOLS and Sundries. See page 102.	
MASTICA. For glazing sashes, greenhouses, etc. Superior to putty..... ¼ gal., 35c; ½ gal., 60c; gal.,	1.00
Machine for applying above, each.	1.00
MOLE TRAPS. Olmsted's Improved. It is simple in construction and safe to handle so that a child may set it. It does its work effectually and surely, never failing to get the mole if properly placed. Price.....	1.50
PLANT SETTER. See ill. and description on page 102,	3.75

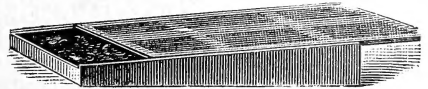
LEGGETT'S PARIS GREEN OR DRY POWDER GUN.

For Orchard, Vineyard, Garden or Potato Field. Distributes Paris Green, Sulphur, "Fungicoid," (a powdered Bordeaux Mixture) or any dry powder. THOUSANDS IN USE Illustrated Circular on application.



A Wonderful Invention Light, Swift, Easy, Safe, Strong and Cheap.

POWDER GUN, Legget's. (Described above.).....	7.00
Little Giant. For applying powdered insecticides.....	3.50
PRUNER, Water's Tree	
4 ft., 75c; 6 ft., 85c; 8 ft., \$1.00; 10 ft., \$1.15; 12 ft.,	1.75
PRUNING SHEARS. See "Shears."	
PRUNING SAW AND CHISEL.....	.75

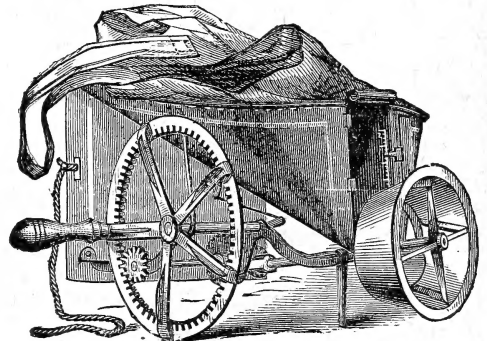


PROTECTING CLOTH, or Waterproof Fibre. Especially prepared to prevent mildewing and rotting; valuable for forwarding and protecting early plants from frosts, covering hot beds and frames in spring, in lieu of glass (after excessive freezing weather is over), and for throwing over bedding plants at night in fall, at one-tenth the cost of glass. (Pieces contain from 40 to 60 yards). **Heavy Grade,** per yard, 15c; by piece per yard, 12½c. **Medium Grade,** best for general purposes, per yard, 10c; by piece, per yard, 8½c. **Light Grade,** mostly used in the South for tobacco plants; per yard, 5c; by piece, per yard, 4½c. Samples mailed on application.

PUTTY BULB, Rubber. Used in applying putty to sashes, greenhouse rafters, etc. Mailed, \$1.10..... \$1.00



PRUNING SAW, double-edged, 18 in...... .75
Perfection, with adjustable blade..... 1.75
ROFEEA. Plant-tying material..... mailed, 40c; lb. .25
RAKES, Steel Garden, 14 teeth..... .50
Steel Gravel..... .35



CAHOON SEEDER.

SEED SOWER. Cahoon Broadcast. Sows grass seeds, wheat, oats, barley, rye, buckwheat, etc. A saving of four-fifths of the labor and one-third of the seed used in hand sowing is effected by this machine. *Every farmer should have one.*

SPRINKLERS, for spraying house plants. Mailed, two sizes, 60 and 75c.

SYRINGES, Brass Garden. No. AA Parlor, very small, with fine spray rose, \$1.15; No. C, one stream and one spray rose..... 1.50

SPADES, Cast Steel..... .85

SHOVELS, Cast Steel..... .85

SHEARS. Wiss' Pruning. Excellent for trimming small fruit bushes and shrubbery.....

..... No. 1, \$1.50; No. 2, \$1.75; No. 3, 2.00

Lee's Pruning. For same purpose..... 1.00

Hedge..... 8 in., \$1.50; 10 in., 1.75



TROWELS. English Garden. 6 in., 30c; 7 in., 35c; 8 in., .40

Common. 6 in..... .15

Cleve's Angle. Narrow..... .15

TWINE. Jute. For tying plants..... lb., 10c; 10 lbs., .90

WEEDERS. Excelsior. Hand weeder..... .15

Hazeltine. Hand weeder..... .20

Hand Fork..... Malleable, 15c; steel, .20

***** GENERAL INDEX *****

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BOOKS ON GARDENING AND KINDRED TOPICS.

Sent to any address prepaid on receipt of price.

IN addition to the older standard works named below, especial attention is called to the fresh and valuable books included in the GARDEN CRAFT and RURAL SCIENCE series. These practical handbooks are either written or edited by Prof. L. H. Bailey, of Cornell University.

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All are fully illustrated, bound in flexible cloth so they can be carried in the pocket for instant reference.

Garden Making: A guide to daily practice in the garden, whether that garden be a city back yard or an enclosure of acres. It imparts in simple language such information as every man or woman who buys a single packet of seed or attempts to grow a single plant is in need of. Profusely illustrated. **\$1.00.**

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Books which state the underlying principles of agriculture in plain language.

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THE YOUNG MARKET GARDENER.

Is intended as a guide to beginners. It gives sound advice on construction of houses, pits, soils, profitable crops to grow, suggestions how to market. 119 pages. Paper. **50c.**

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Bee Culture, A, B, C of, Root..... 1-25

Berry Book, The Biggle, Chiefly on Strawberries.

Colored plates and other illustrations..... 50

Broom Corn and Brooms..... 50

Bulbs and Tuberous Rooted Plants, Directions for their successful culture in the garden, dwelling and greenhouse. By CHAS. L. ALLEN, a recognized authority..... Cloth.. 2.00

Bulb Culture, Accurate, reliable, and up-to-date.

Henderson..... 25

Cabbage and Cauliflower for Profit, Contains results of years of experience by a noted grower.

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Turnip—Purple Top, Wh. Gl.	Lettuce—Simpson's Curled

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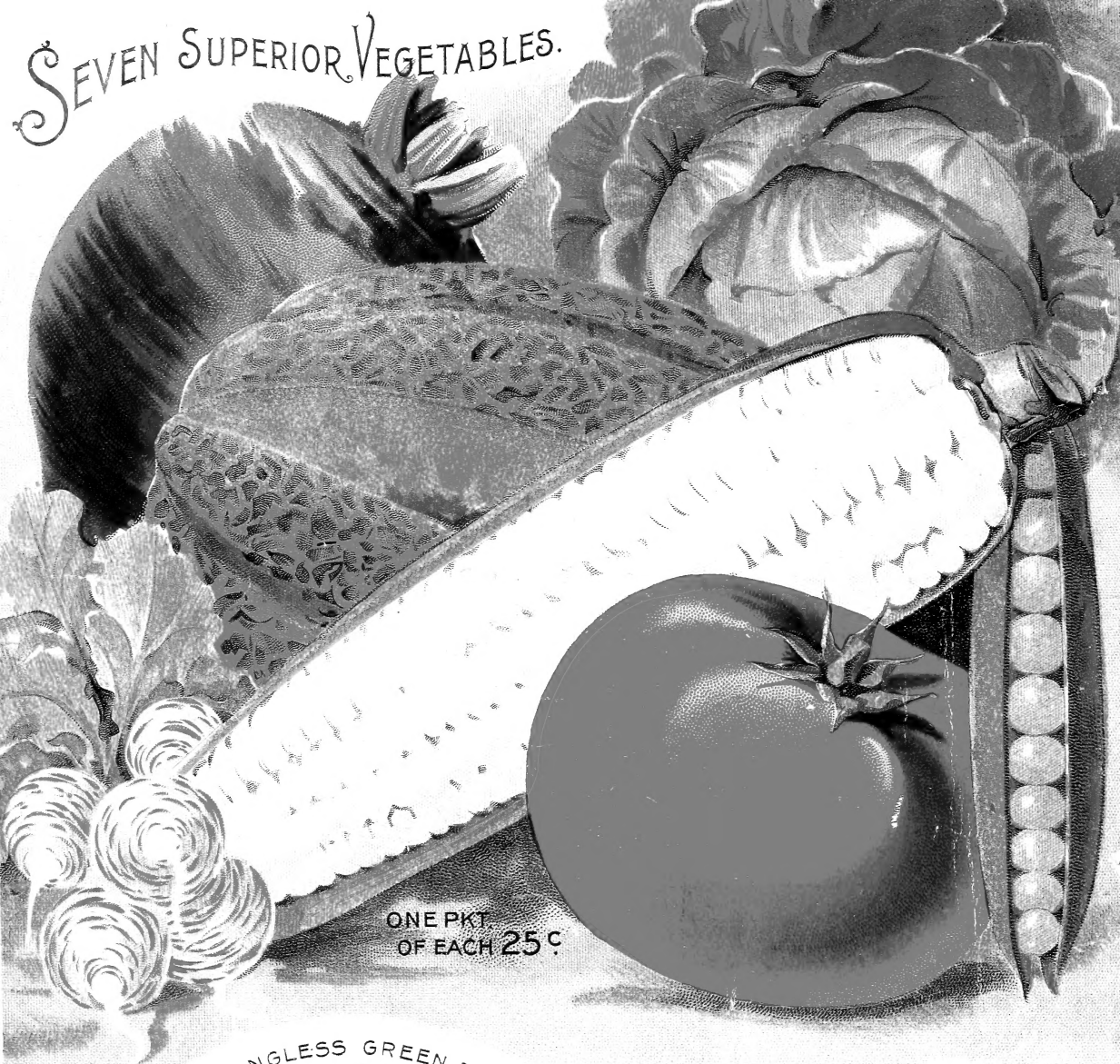
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Carrot—Danvers Half Long	Peas—Everbearing
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Cabbage—Early J. Wakefield	"—Everbearing
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Carrot—Danvers Half Long	Par sley—Double Curled
S. Corn—Early Minnesota	Pumpkin—Large Cheese
"—Country Gentleman	R. dish—French Breakfast
Cucumber—Siberian	"—Long Scarlet
"—Imp. Long Green	"—White Strasburg
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Kohl Rabi—White Vienna	Tomato—Acme
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Leek—American Flag	Ruta Baga—Am. P. Top
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